FIG. 1

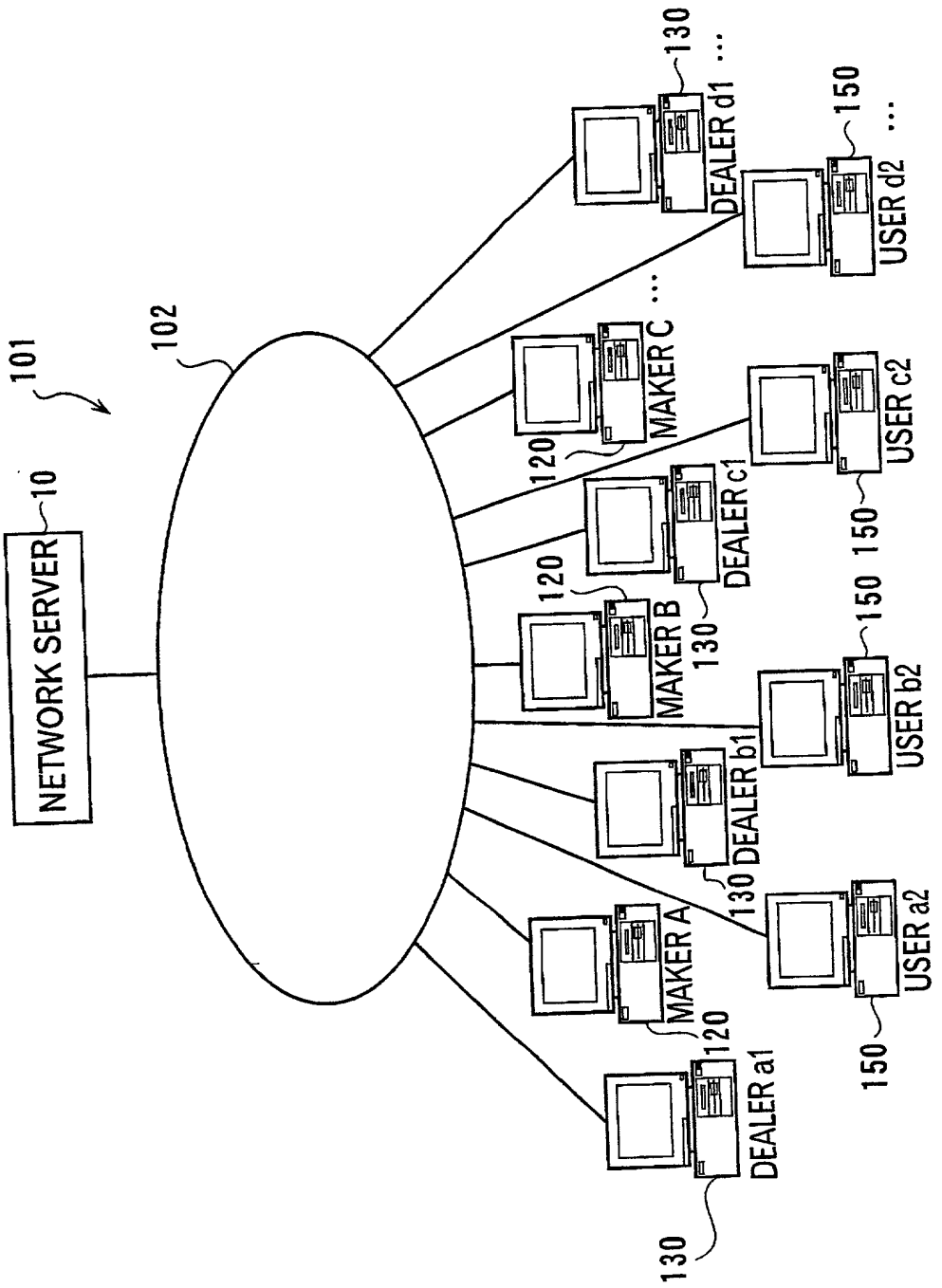
NETWORK SERVER
10
101
102
MAKER A
MAKER B
MAKER C
DEALER a1
DEALER b1
DEALER c1
DEALER d1
USER a2
USER b2
USER c2
USER d2
120
130
150

FIG. 2

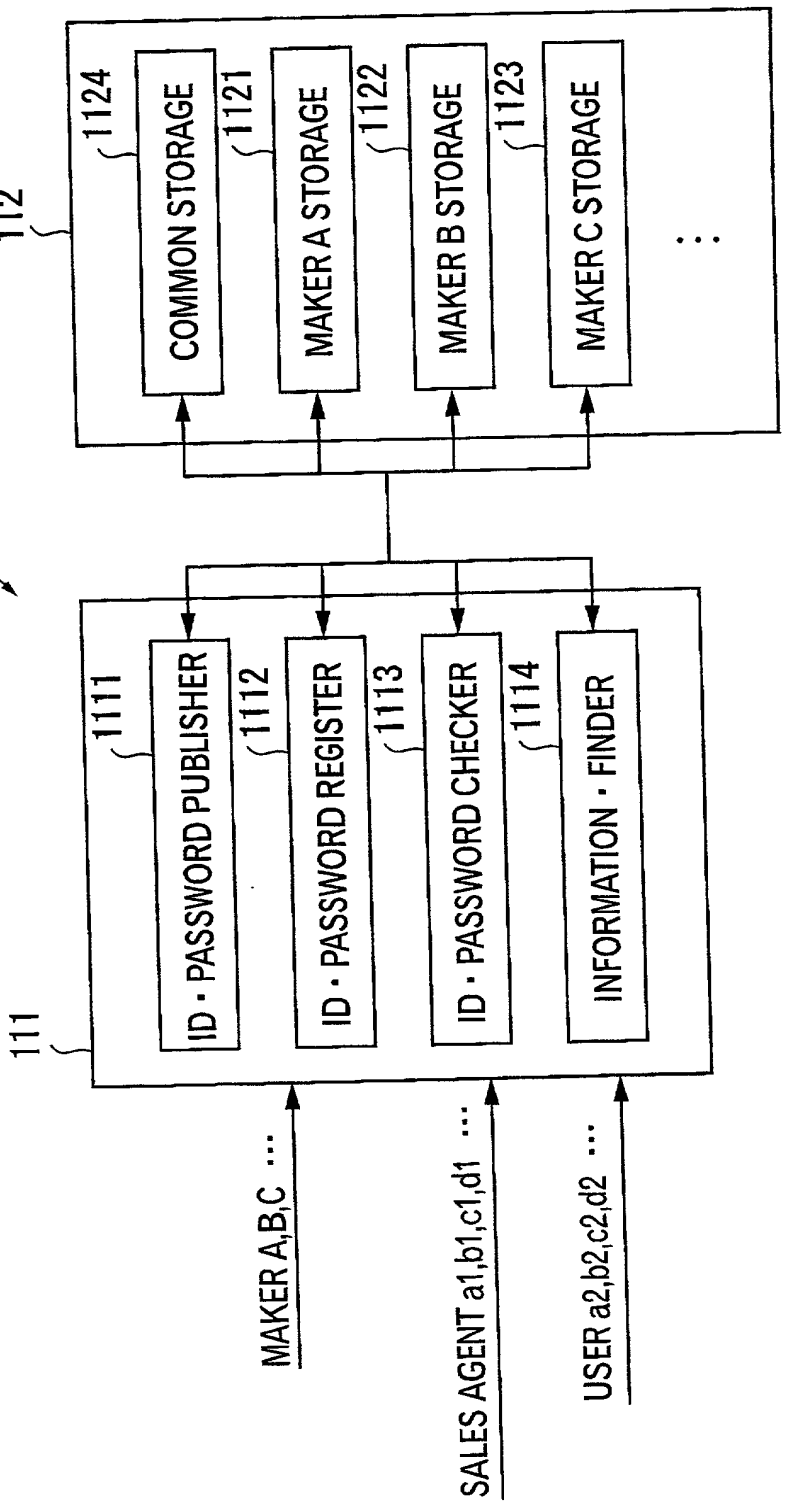
110
111
112
ID・PASSWORD PUBLISHER
1111
ID・PASSWORD REGISTER
1112
ID・PASSWORD CHECKER
1113
INFORMATION・FINDER
1114
COMMON STORAGE
1124
MAKER A STORAGE
1121
MAKER B STORAGE
1122
MAKER C STORAGE
1123
MAKER A,B,C ...
SALES AGENT a1,b1,c1,d1 ...
USER a2,b2,c2,d2 ...

FIG. 3

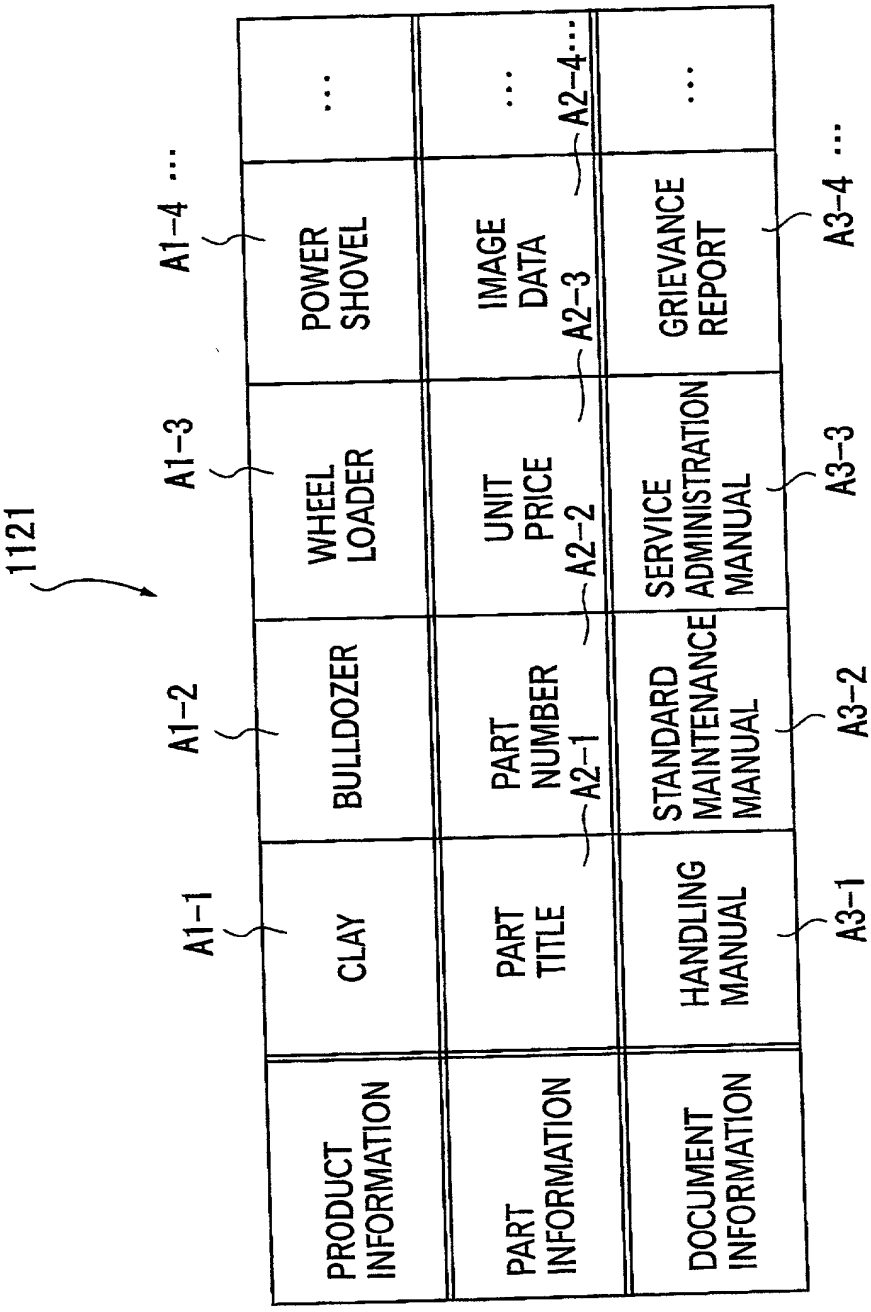
1121
A1-1
A1-2
A1-3
A1-4 ...
PRODUCT INFORMATION
PART INFORMATION
DOCUMENT INFORMATION
CLAY
BULLDOZER
WHEEL LOADER
POWER SHOVEL
...
PART TITLE
A2-1
PART NUMBER
A2-2
UNIT PRICE
A2-3
IMAGE DATA
A2-4...
...
HANDLING MANUAL
A3-1
STANDARD MAINTENANCE MANUAL
A3-2
SERVICE ADMINISTRATION MANUAL
A3-3
GRIEVANCE REPORT
A3-4 ...
...

FIG. 4

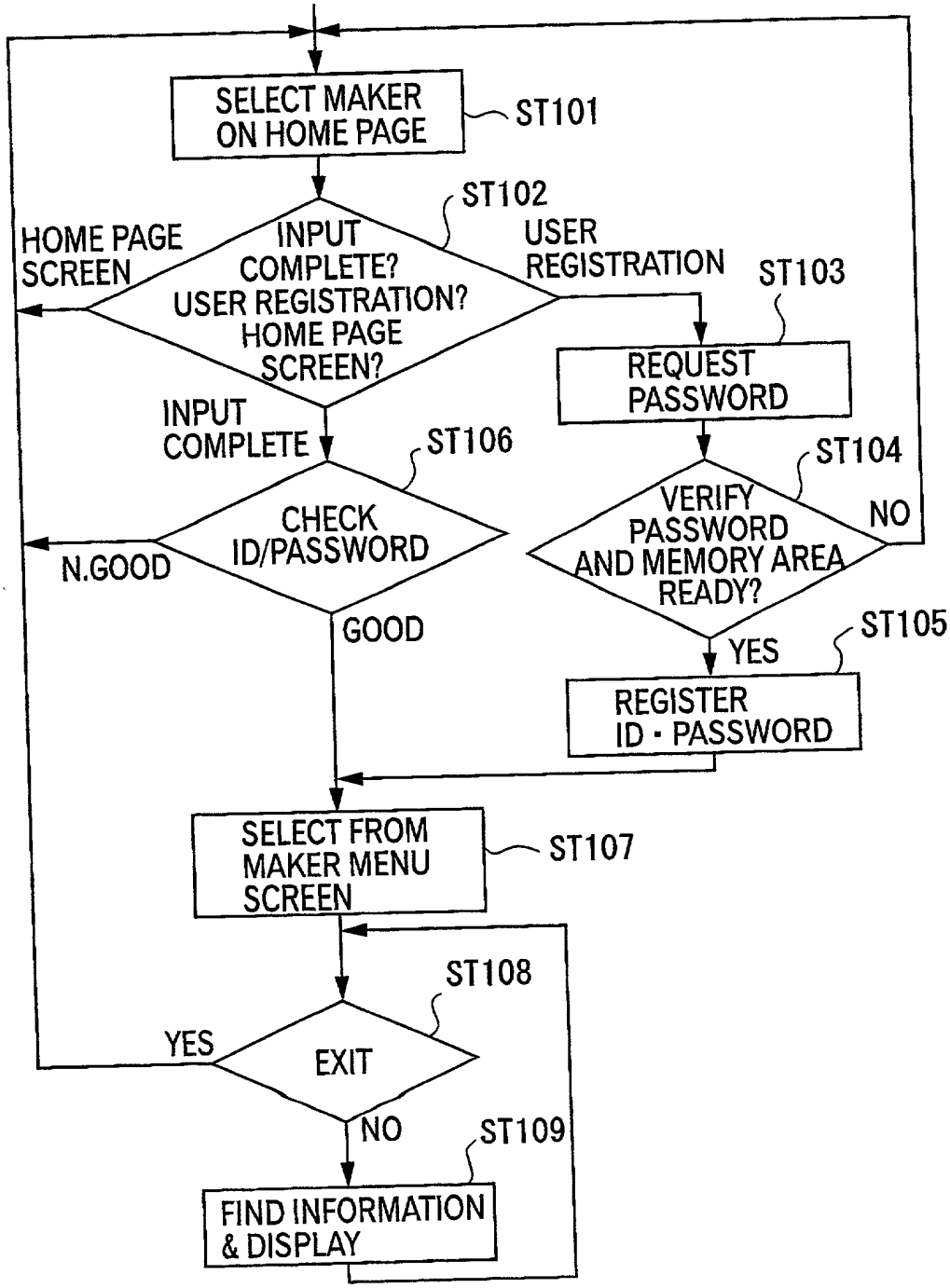
SELECT MAKER ON HOME PAGE
ST101
ST102
INPUT COMPLETE? USER REGISTRATION? HOME PAGE SCREEN?
HOME PAGE SCREEN
USER REGISTRATION
ST103
REQUEST PASSWORD
INPUT COMPLETE
ST106
CHECK ID/PASSWORD
N.GOOD
ST104
VERIFY PASSWORD AND MEMORY AREA READY?
NO
GOOD
YES
ST105
REGISTER ID - PASSWORD
SELECT FROM MAKER MENU SCREEN
ST107
ST108
EXIT
YES
NO
ST109
FIND INFORMATION & DISPLAY

FIG. 5

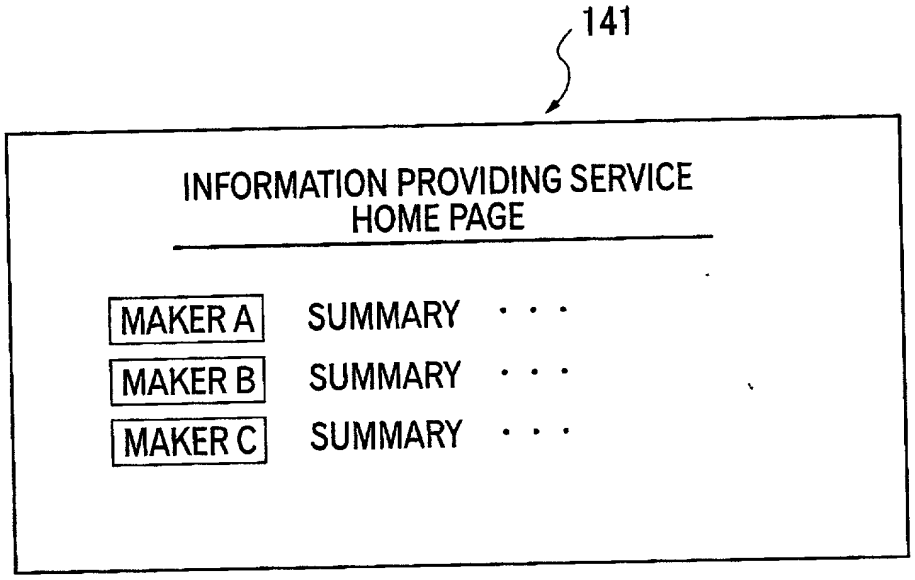
141
INFORMATION PROVIDING SERVICE
HOME PAGE
MAKER A
SUMMARY
MAKER B
SUMMARY
MAKER C
SUMMARY

FIG. 6

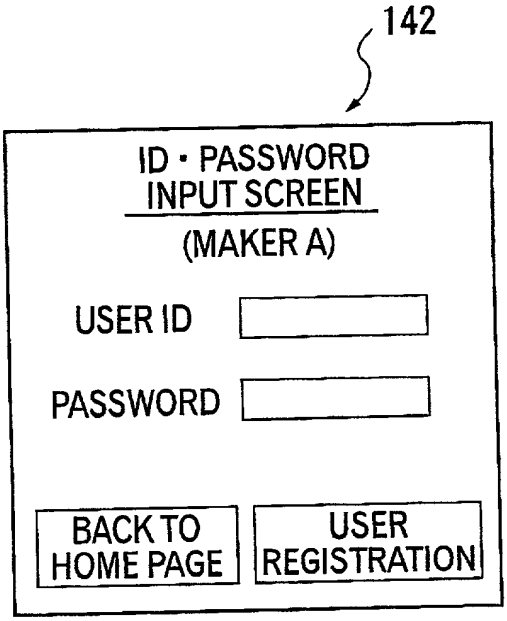
142
ID・PASSWORD
INPUT SCREEN
(MAKER A)
USER ID
PASSWORD
BACK TO
HOME PAGE
USER
REGISTRATION

FIG. 7

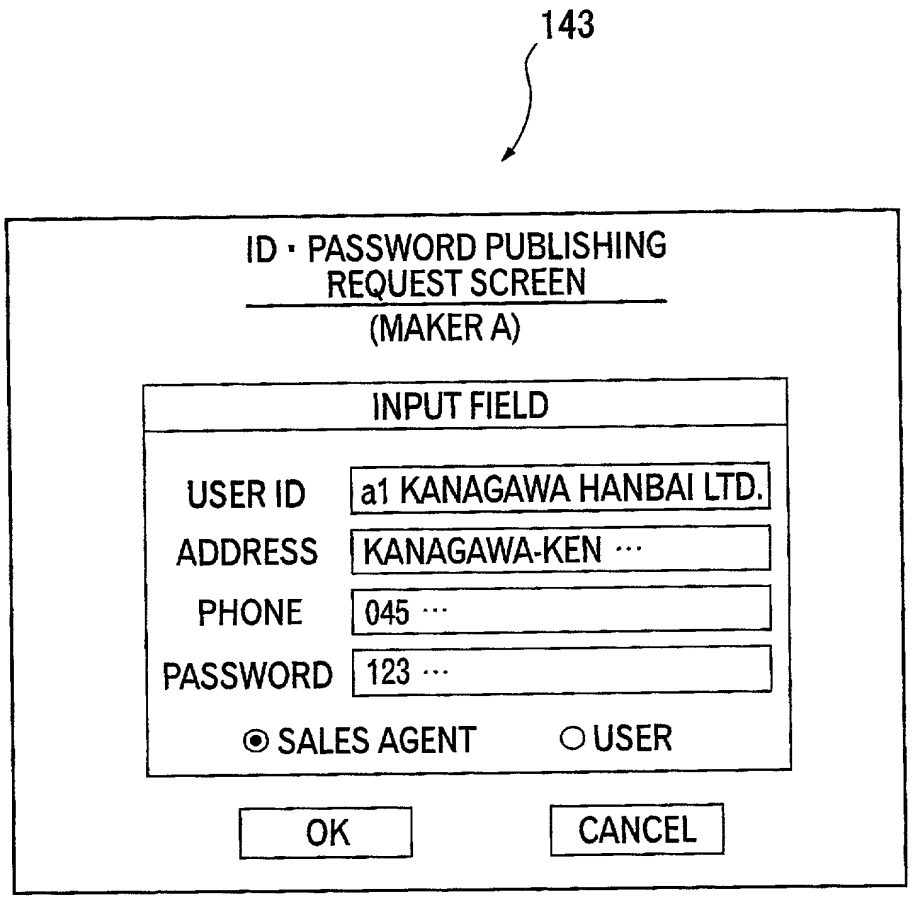
143
ID · PASSWORD PUBLISHING REQUEST SCREEN
(MAKER A)
INPUT FIELD
USER ID
a1 KANAGAWA HANBAI LTD.
ADDRESS
KANAGAWA-KEN ···
PHONE
045 ···
PASSWORD
123 ···
SALES AGENT
USER
OK
CANCEL

FIG. 8

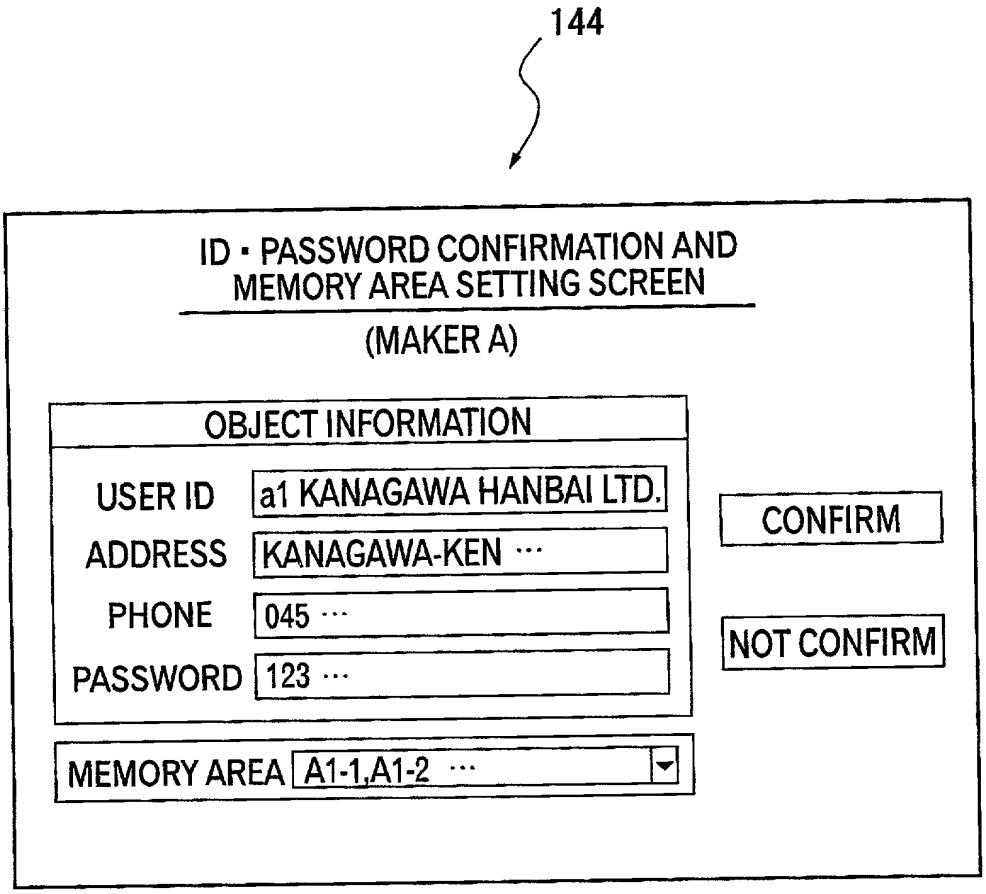
144
ID・PASSWORD CONFIRMATION AND MEMORY AREA SETTING SCREEN
(MAKER A)
OBJECT INFORMATION
USER ID
a1 KANAGAWA HANBAI LTD.
ADDRESS
KANAGAWA-KEN ···
PHONE
045 ···
PASSWORD
123 ···
MEMORY AREA
A1-1,A1-2 ···
CONFIRM
NOT CONFIRM

FIG. 9

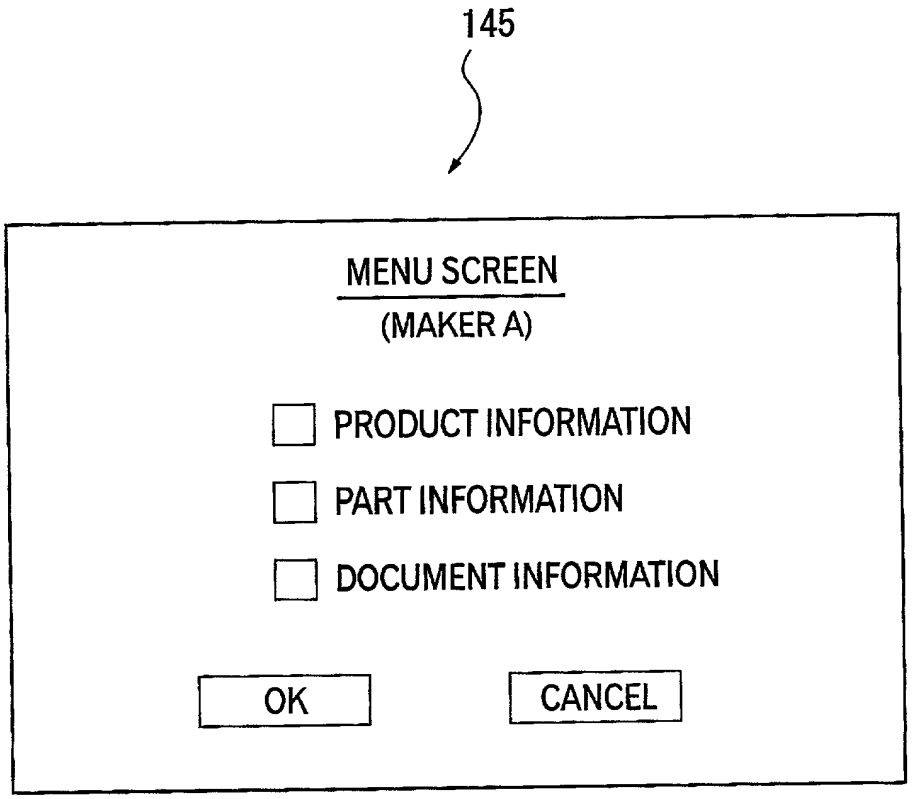

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FIG.10

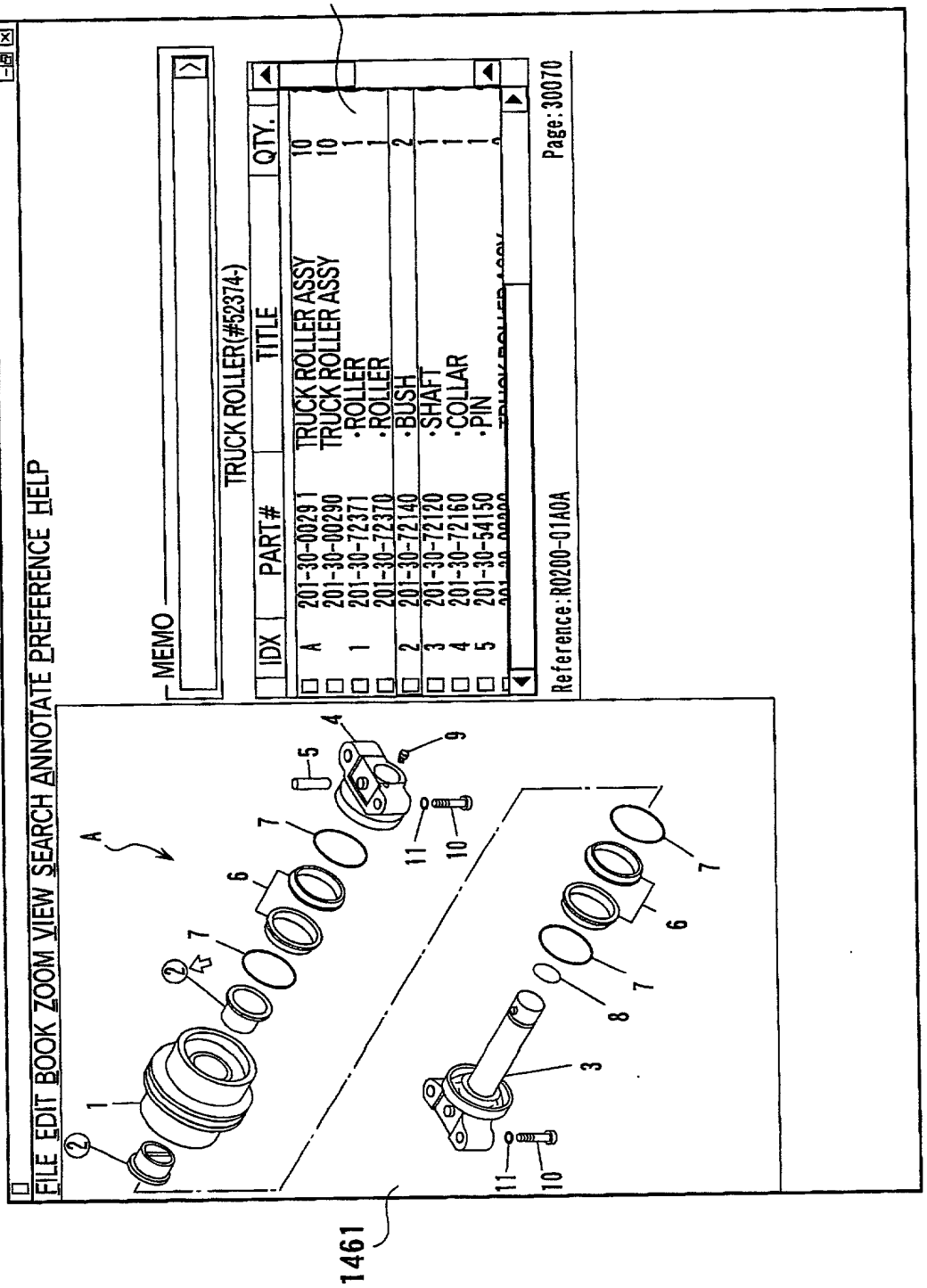

146
1462
1461
FILE EDIT BOOK ZOOM VIEW SEARCH ANNOTATE PREFERENCE HELP
MEMO
TRUCK ROLLER(#52374-)
IDX
PART#
TITLE
QTY.
A 201-30-00291 TRUCK ROLLER ASSY 10
201-30-00290 TRUCK ROLLER ASSY 10
1 201-30-72371 ·ROLLER 1
201-30-72370 ·ROLLER 1
2 201-30-72140 ·BUSH 2
3 201-30-72120 ·SHAFT 1
4 201-30-72160 ·COLLAR 1
5 201-30-54150 ·PIN 1
Reference:R0200-01A0A
Page:30070

FIG. 11

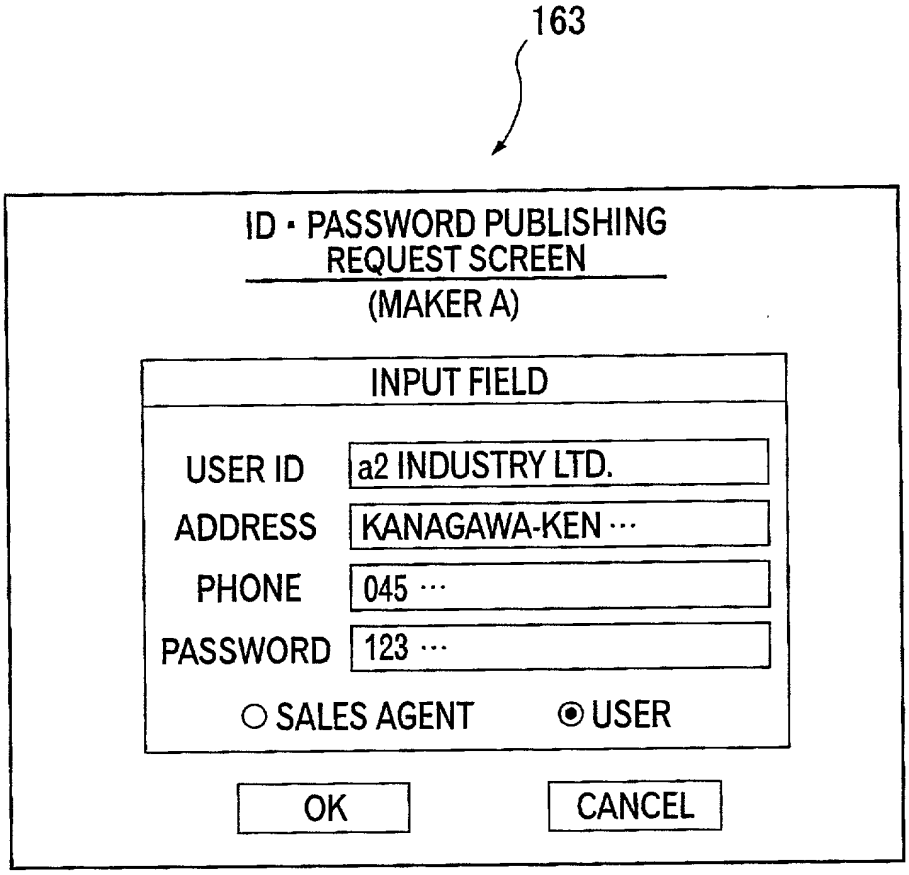

163
ID・PASSWORD PUBLISHING REQUEST SCREEN
(MAKER A)
INPUT FIELD
USER ID
a2 INDUSTRY LTD.
ADDRESS
KANAGAWA-KEN ···
PHONE
045 ···
PASSWORD
123 ···
○ SALES AGENT
◉ USER
OK
CANCEL

FIG.12

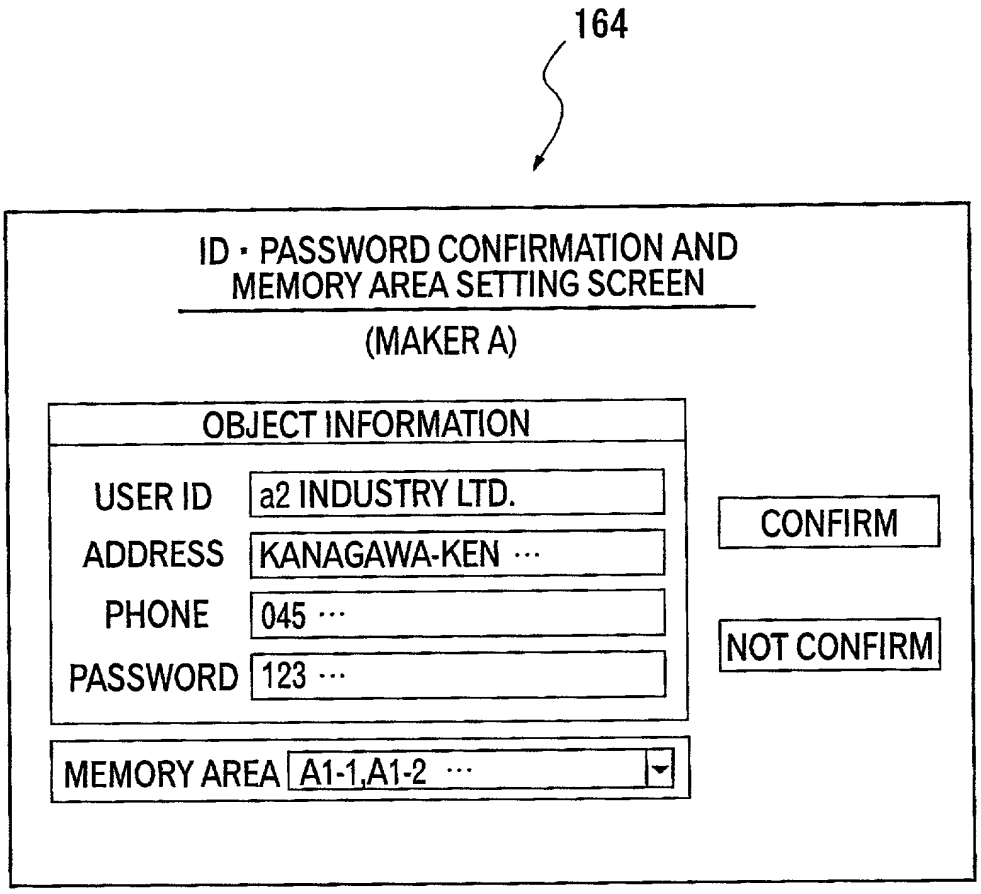

164
ID・PASSWORD CONFIRMATION AND MEMORY AREA SETTING SCREEN
(MAKER A)
OBJECT INFORMATION
USER ID
a2 INDUSTRY LTD.
ADDRESS
KANAGAWA-KEN ···
PHONE
045 ···
PASSWORD
123 ···
CONFIRM
NOT CONFIRM
MEMORY AREA
A1-1,A1-2 ···

FIG.13

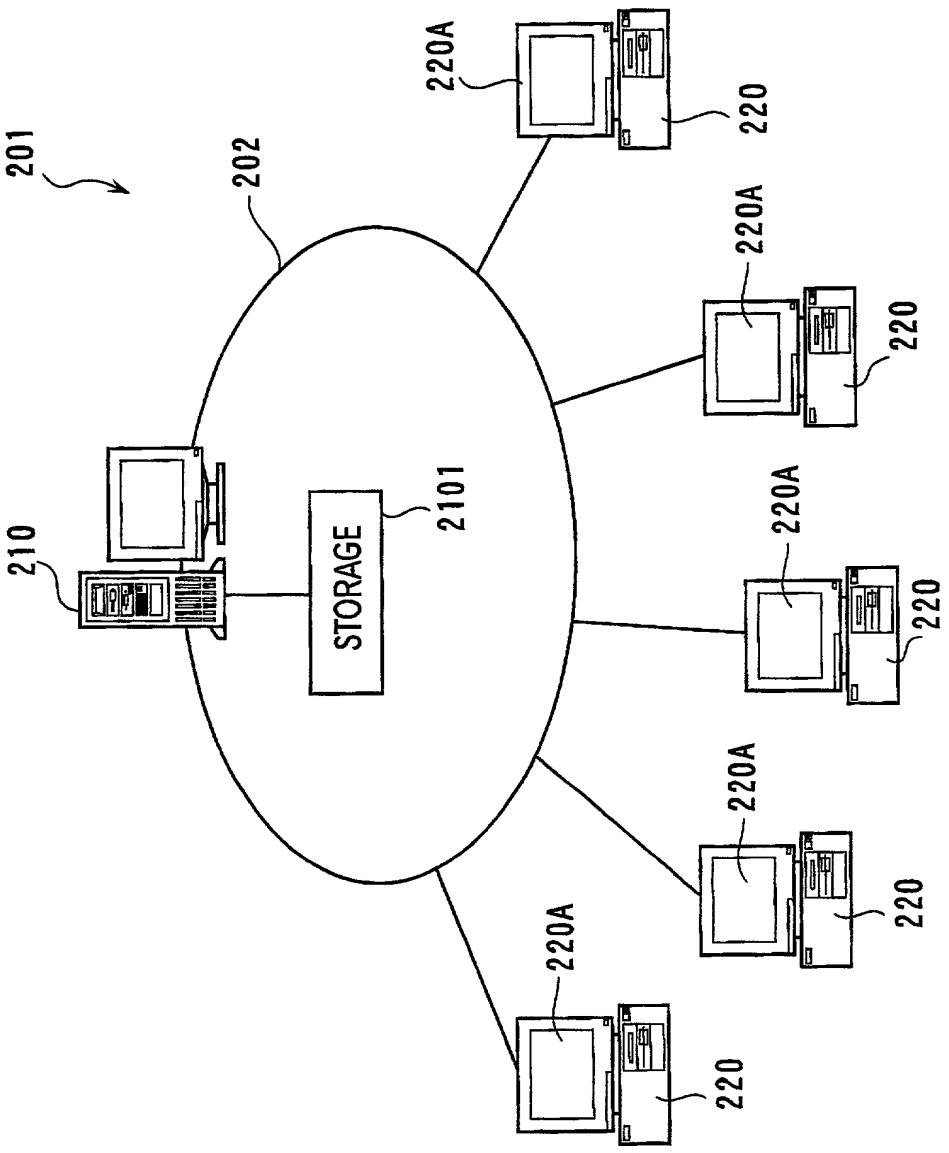

201
202
210
STORAGE
2101
220A
220
220A
220
220A
220
220A
220
220A
220

FIG.14

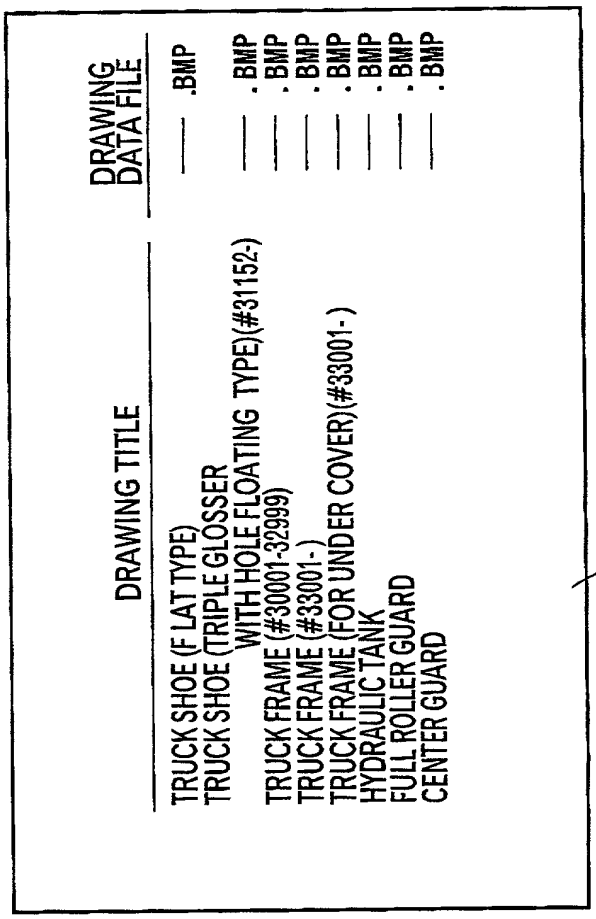

DRAWING TITLE
DRAWING DATA FILE
TRUCK SHOE (F LAT TYPE) .BMP
TRUCK SHOE (TRIPLE GLOSSER WITH HOLE FLOATING TYPE)(#31152-) .BMP
TRUCK FRAME (#30001-32999) .BMP
TRUCK FRAME (#33001-) .BMP
TRUCK FRAME (FOR UNDER COVER)(#33001-) .BMP
HYDRAULIC TANK .BMP
FULL ROLLER GUARD .BMP
CENTER GUARD .BMP
2102

FIG.15

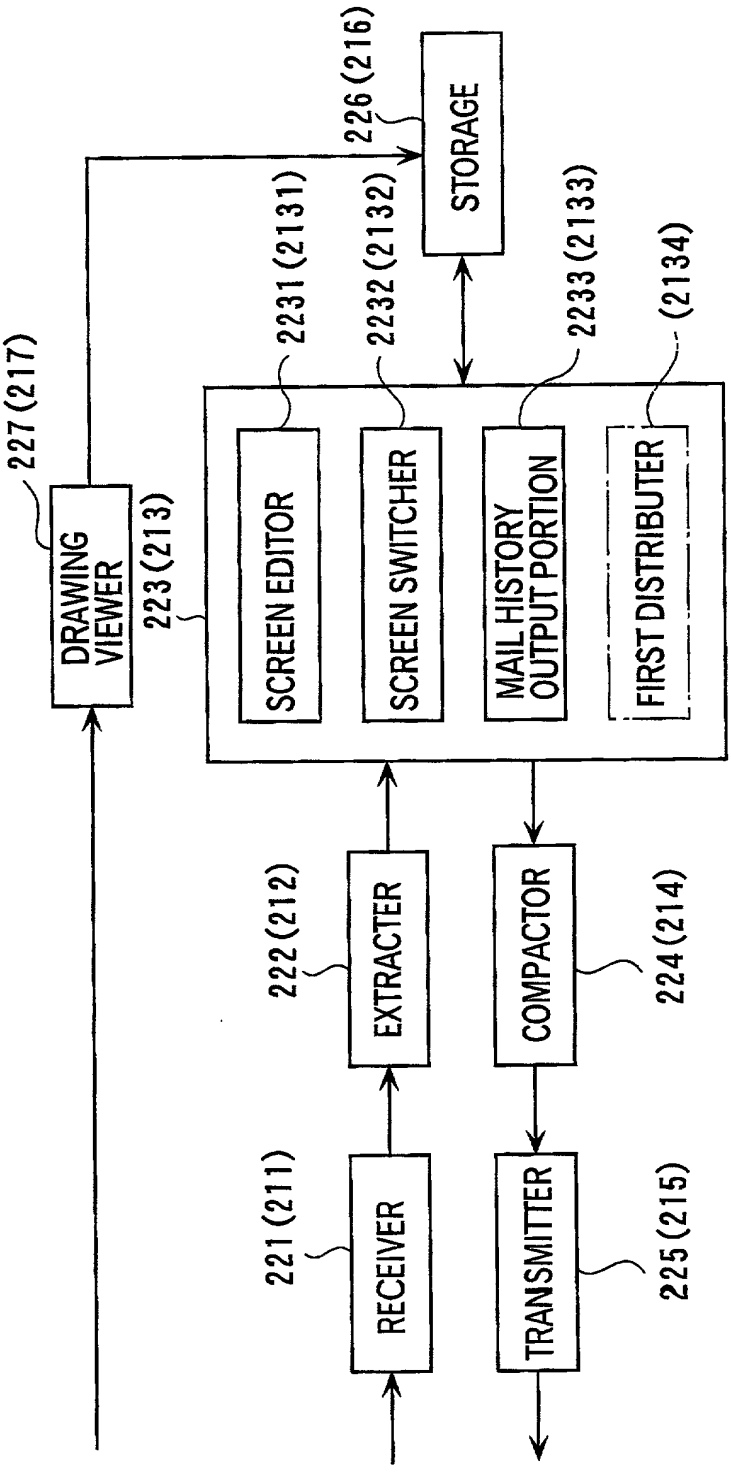

DRAWING VIEWER
227 (217)
223 (213)
STORAGE
226 (216)
SCREEN EDITOR
2231 (2131)
SCREEN SWITCHER
2232 (2132)
MAIL HISTORY OUTPUT PORTION
2233 (2133)
FIRST DISTRIBUTER
(2134)
EXTRACTER
222 (212)
COMPACTOR
224 (214)
RECEIVER
221 (211)
TRANSMITTER
225 (215)

FIG. 16

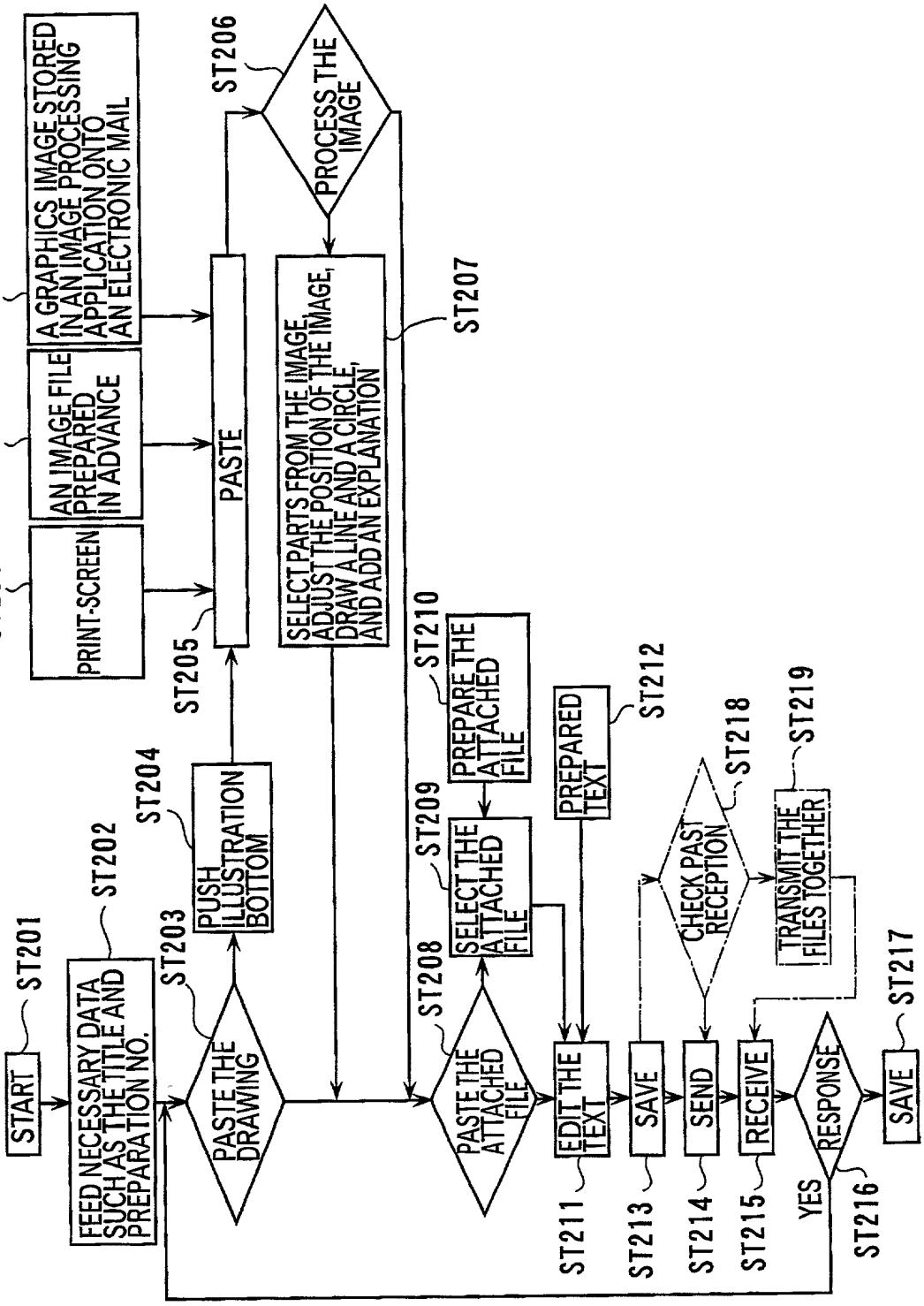

START
ST201
FEED NECESSARY DATA SUCH AS THE TITLE AND PREPARATION NO.
ST202
PASTE THE DRAWING
ST203
PUSH ILLUSTRATION BOTTOM
ST204
PRINT-SCREEN
ST205-1
AN IMAGE FILE PREPARED IN ADVANCE
ST205-2
A GRAPHICS IMAGE STORED IN AN IMAGE PROCESSING APPLICATION ONTO AN ELECTRONIC MAIL
ST205-3
PASTE
ST205
PROCESS THE IMAGE
ST206
SELECT PARTS FROM THE IMAGE, ADJUST THE POSITION OF THE IMAGE, DRAW A LINE AND A CIRCLE, AND ADD AN EXPLANATION
ST207
PREPARE THE ATTACHED FILE
ST210
SELECT THE ATTACHED FILE
ST209
PASTE THE ATTACHED FILE
ST208
PREPARED TEXT
ST212
EDIT THE TEXT
ST211
SAVE
ST213
SEND
ST214
RECEIVE
ST215
CHECK PAST RECEPTION
ST218
TRANSMIT THE FILES TOGETHER
ST219
RESPONSE
YES
ST216
SAVE
ST217

FIG. 17

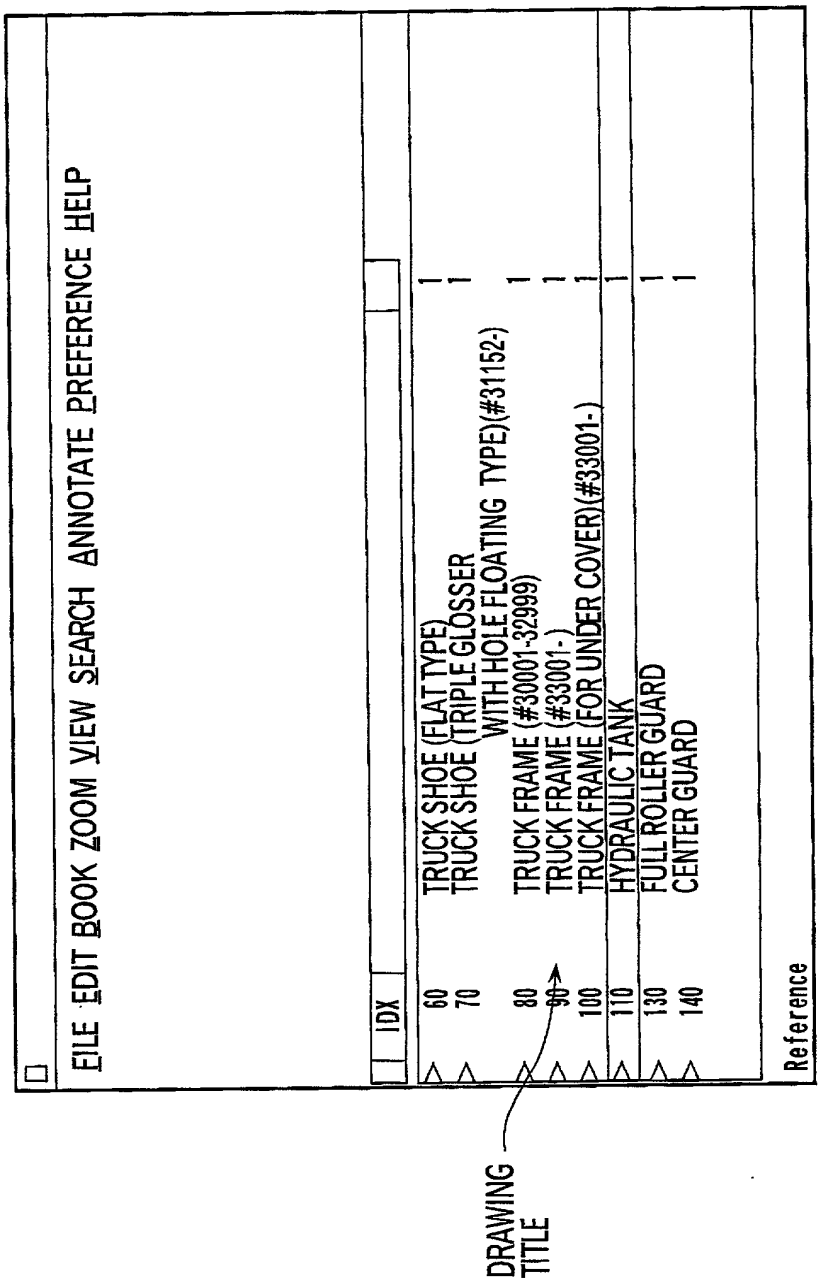

220A
FILE EDIT BOOK ZOOM VIEW SEARCH ANNOTATE PREFERENCE HELP
IDX
60 TRUCK SHOE (FLAT TYPE) 1
70 TRUCK SHOE (TRIPLE GLOSSER WITH HOLE FLOATING TYPE)(#31152-) 1
80 TRUCK FRAME (#30001-32999) 1
90 TRUCK FRAME (#33001-) 1
100 TRUCK FRAME (FOR UNDER COVER)(#33001-) 1
110 HYDRAULIC TANK 1
130 FULL ROLLER GUARD 1
140 CENTER GUARD 1
Reference
DRAWING TITLE

FIG.18

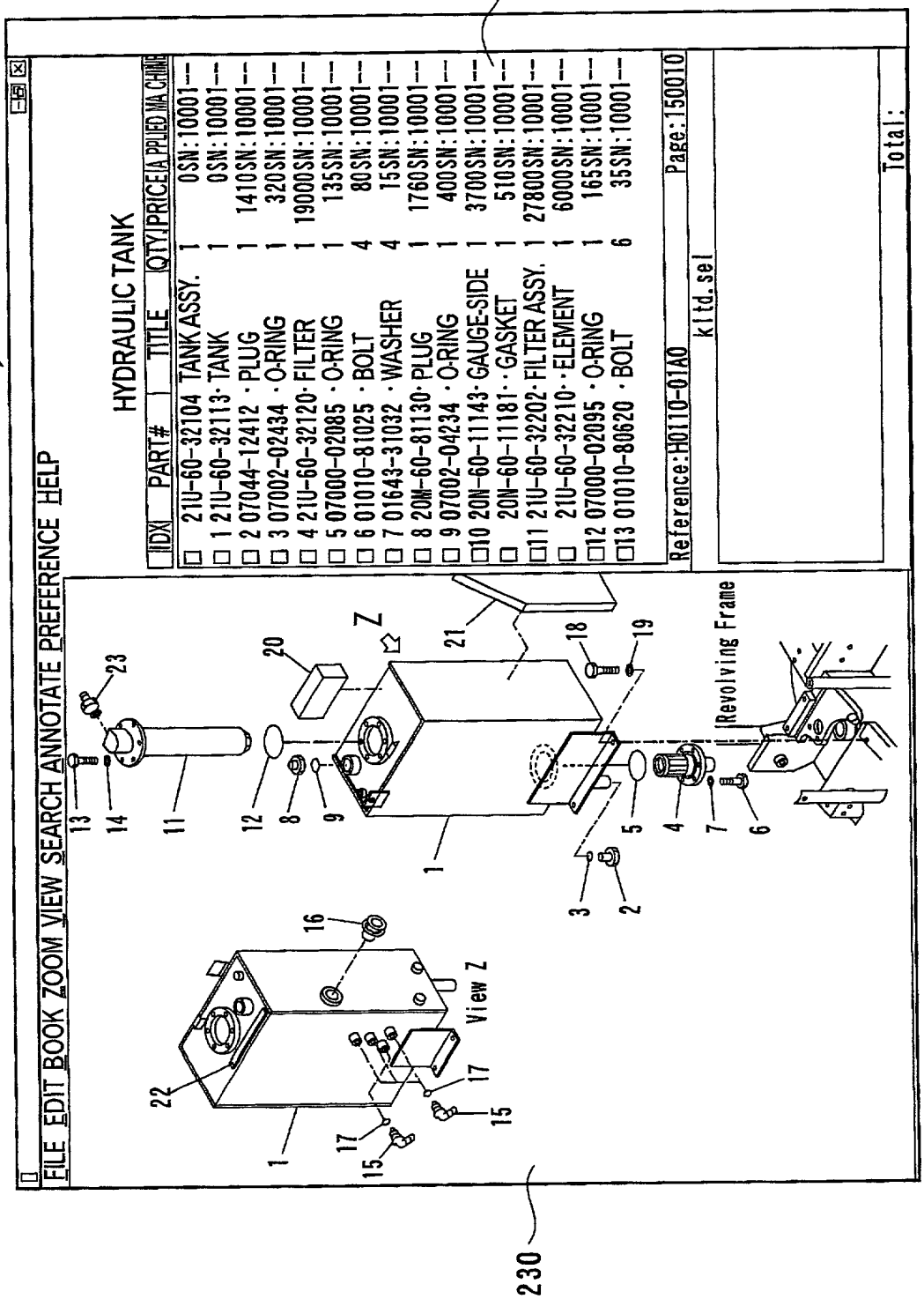

220A
231
230
FILE EDIT BOOK ZOOM VIEW SEARCH ANNOTATE PREFERENCE HELP
HYDRAULIC TANK
IDX PART# TITLE QTY PRICE A PPLIED MA CHINE
1 21U-60-32104 TANK ASSY. 1 OSN:10001--
1 21U-60-32113 TANK 1 OSN:10001--
2 07044-12412 PLUG 1 1410SN:10001--
3 07002-02434 O-RING 1 320SN:10001--
4 21U-60-32120 FILTER 1 1900OSN:10001--
5 07000-02085 O-RING 1 135SN:10001--
6 01010-81025 BOLT 4 80SN:10001--
7 01643-31032 WASHER 4 15SN:10001--
8 20M-60-81130 PLUG 1 1760SN:10001--
9 07002-04234 O-RING 1 400SN:10001--
10 20N-60-11143 GAUGE-SIDE 1 3700SN:10001--
20N-60-11181 GASKET 1 510SN:10001--
11 21U-60-32202 FILTER ASSY. 1 2780OSN:10001--
21U-60-32210 ELEMENT 1 6000SN:10001--
12 07000-02095 O-RING 1 165SN:10001--
13 01010-80620 BOLT 6 35SN:10001--
Reference:H0110-01A0 Page:150010
kltd.sel
Total:
Revolving Frame
View Z
Z

FIG. 19

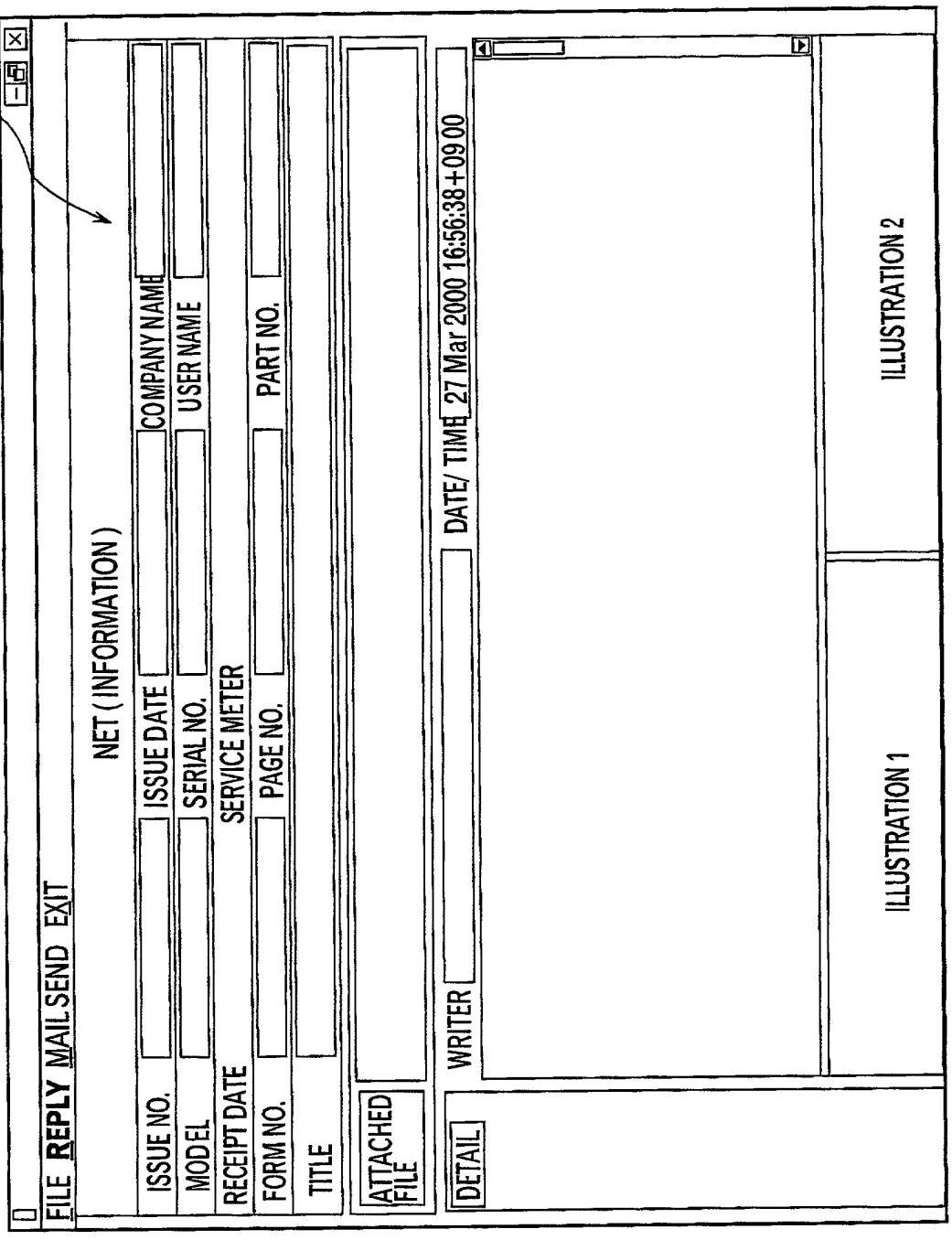

220A
241
FILE REPLY MAIL SEND EXIT
NET (INFORMATION)
ISSUE NO.
ISSUE DATE
COMPANY NAME
MODEL
SERIAL NO.
USER NAME
RECEIPT DATE
SERVICE METER
FORM NO.
PAGE NO.
PART NO.
TITLE
ATTACHED FILE
DETAIL
WRITER
DATE/ TIME 27 Mar 2000 16:56:38 +09 00
ILLUSTRATION 1
ILLUSTRATION 2

FIG.20

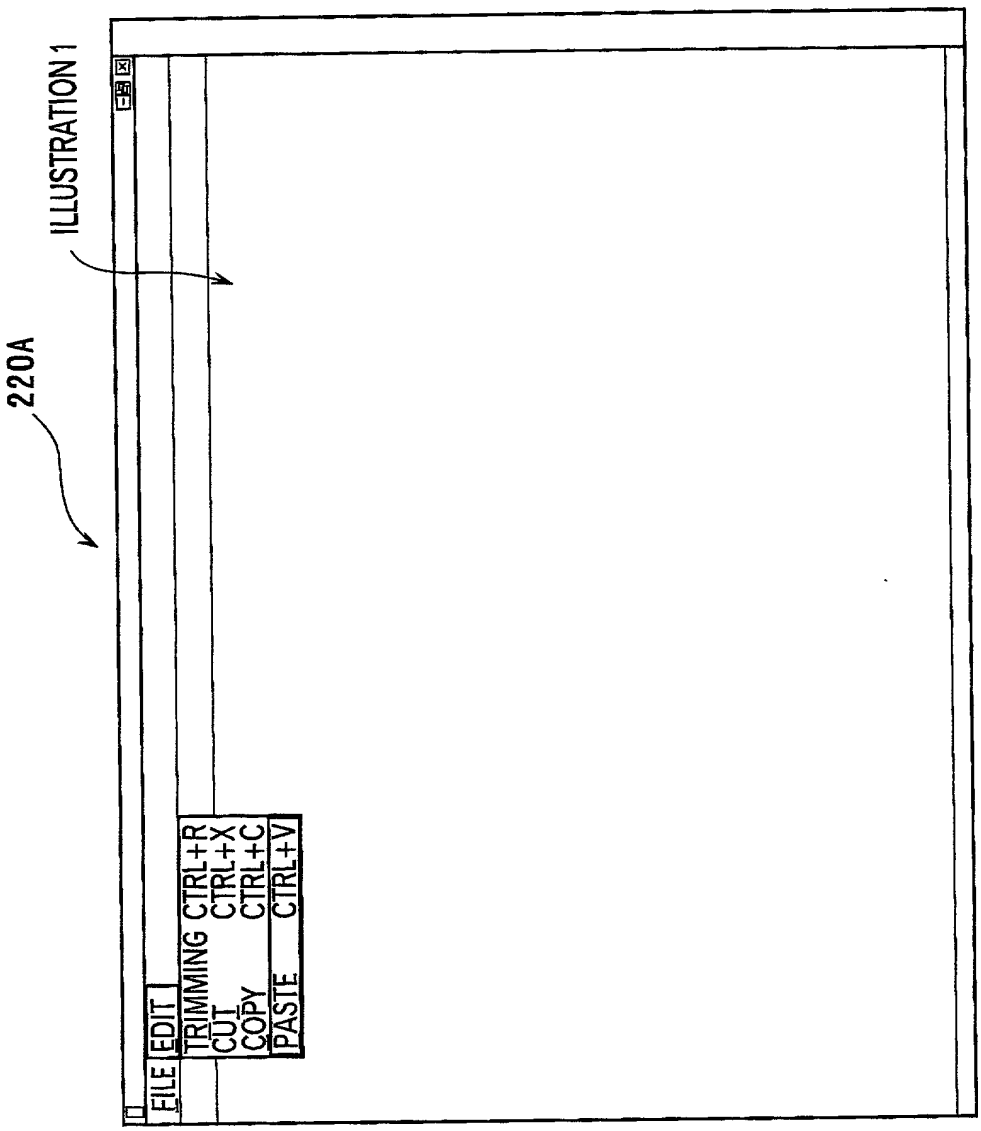

220A
ILLUSTRATION 1
FILE
EDIT
TRIMMING CTRL+R
CUT CTRL+X
COPY CTRL+C
PASTE CTRL+V

FIG.21

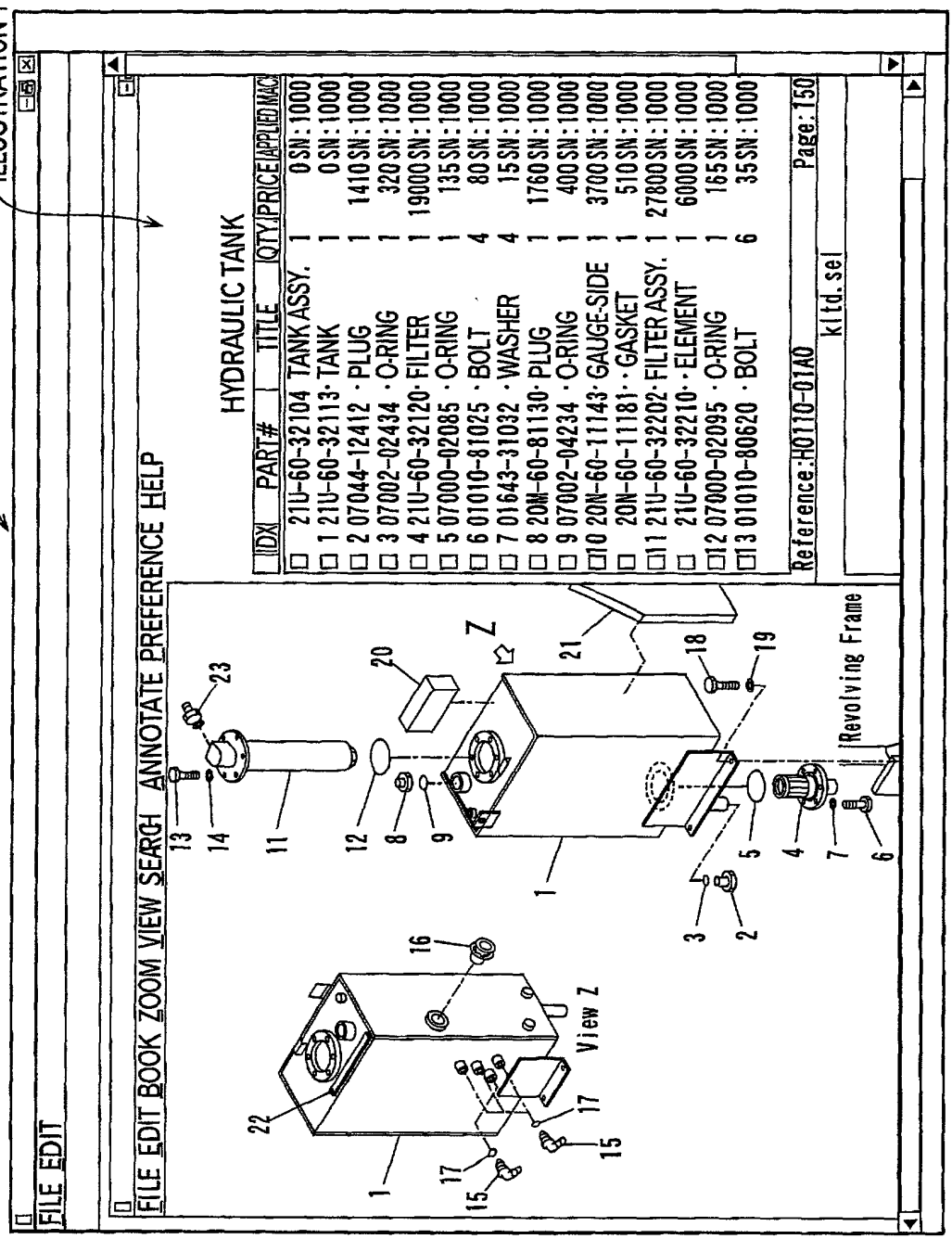


ILLUSTRATION 1
220A
FILE EDIT
FILE EDIT BOOK ZOOM VIEW SEARCH ANNOTATE PREFERENCE HELP
HYDRAULIC TANK
IDX PART# TITLE QTY PRICE APPLIED MACH
0 21U-60-32104 TANK ASSY. 1 0 SN:1000
1 21U-60-32113 · TANK 1 0 SN:1000
2 07044-12412 · PLUG 1 1410 SN:1000
3 07002-02434 · O-RING 1 320 SN:1000
4 21U-60-32120 · FILTER 1 19000 SN:1000
5 07000-02085 · O-RING 1 135 SN:1000
6 01010-81025 · BOLT 4 80 SN:1000
7 01643-31032 · WASHER 4 15 SN:1000
8 20M-60-81130 · PLUG 1 1760 SN:1000
9 07002-04234 · O-RING 1 400 SN:1000
10 20N-60-11143 · GAUGE-SIDE 1 3700 SN:1000
20N-60-11181 · GASKET 1 510 SN:1000
11 21U-60-32202 · FILTER ASSY. 1 27800 SN:1000
21U-60-32210 · ELEMENT 1 6000 SN:1000
12 07000-02095 · O-RING 1 165 SN:1000
13 01010-80620 · BOLT 6 35 SN:1000
Reference:H0110-01A0 Page:150
kitd.sel
Revolving Frame
Z
View Z

FIG.22

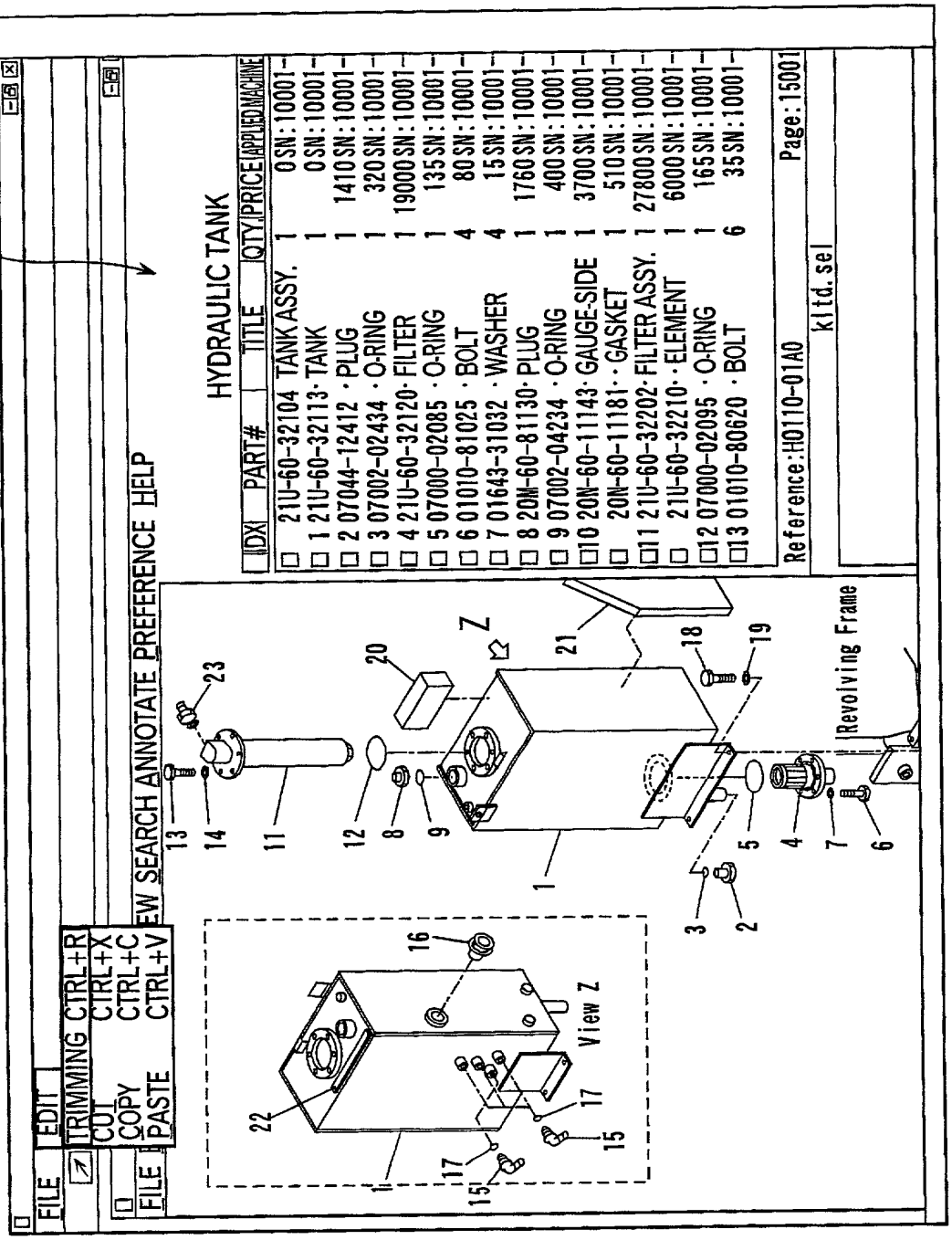

220A
ILLUSTRATION 1
FILE
EDIT
TRIMMING CTRL+R
CUT CTRL+X
COPY CTRL+C
PASTE CTRL+V
EW SEARCH ANNOTATE PREFERENCE HELP
HYDRAULIC TANK
IDX PART# TITLE QTY PRICE APPLIED MACHINE
1 21U-60-32104 TANK ASSY. 1 0 SN:10001-
2 21U-60-32113 TANK 1 0 SN:10001-
3 07044-12412 PLUG 1 1410 SN:10001-
4 07002-02434 O-RING 1 320 SN:10001-
5 21U-60-32120 FILTER 1 19000 SN:10001-
6 07000-02085 O-RING 1 135 SN:10001-
7 01010-81025 BOLT 4 80 SN:10001-
8 01643-31032 WASHER 4 15 SN:10001-
9 20M-60-81130 PLUG 1 1760 SN:10001-
10 07002-04234 O-RING 1 400 SN:10001-
11 20M-60-11143 GAUGE-SIDE 1 3700 SN:10001-
12 20M-60-11181 GASKET 1 510 SN:10001-
13 21U-60-32202 FILTER ASSY. 1 27800 SN:10001-
14 21U-60-32210 ELEMENT 1 6000 SN:10001-
15 07000-02095 O-RING 1 165 SN:10001-
16 01010-80620 BOLT 6 35 SN:10001-
Reference:H0110-01A0
Page:15001
kltd.sel
Revolving Frame
View Z
Z

FIG.23

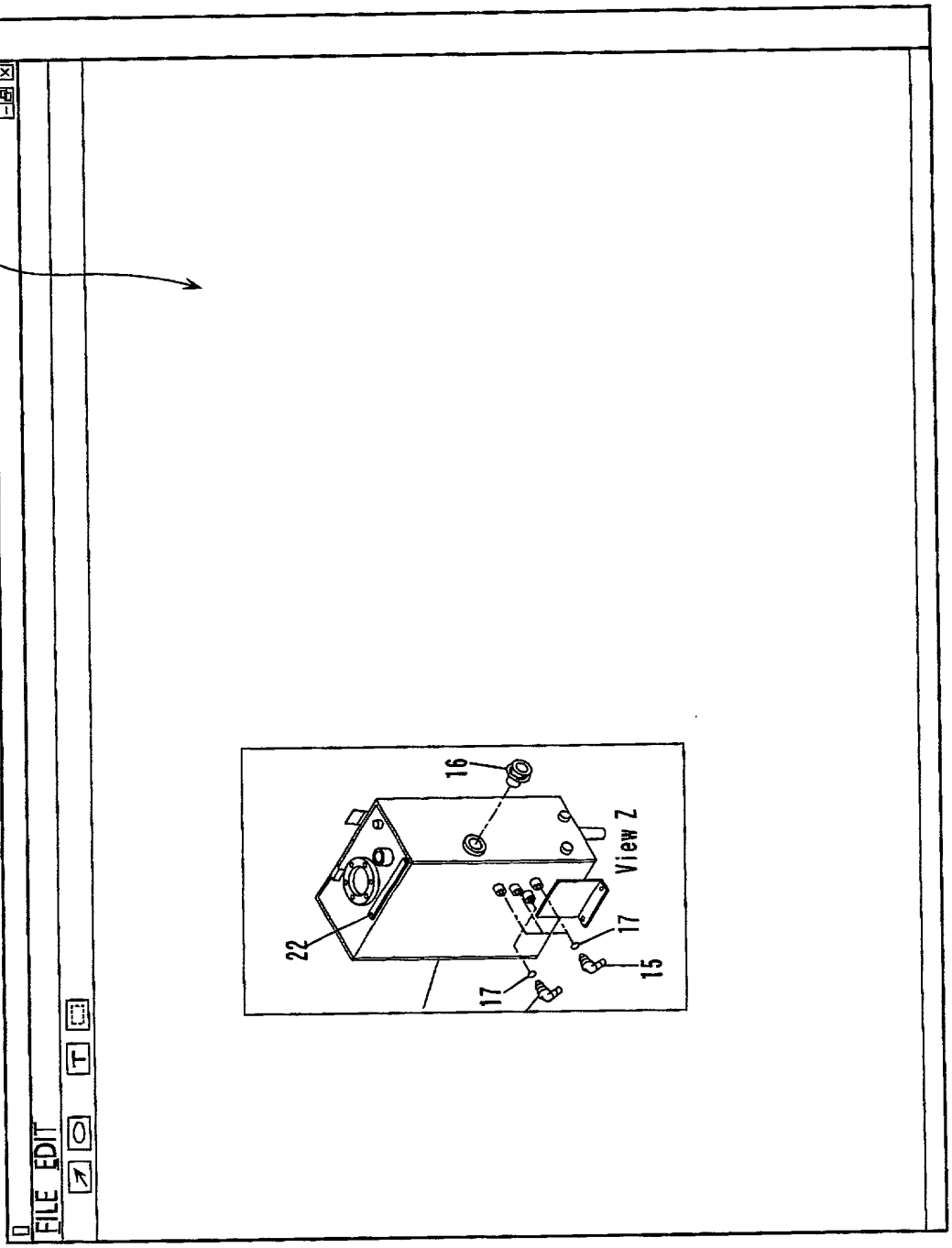
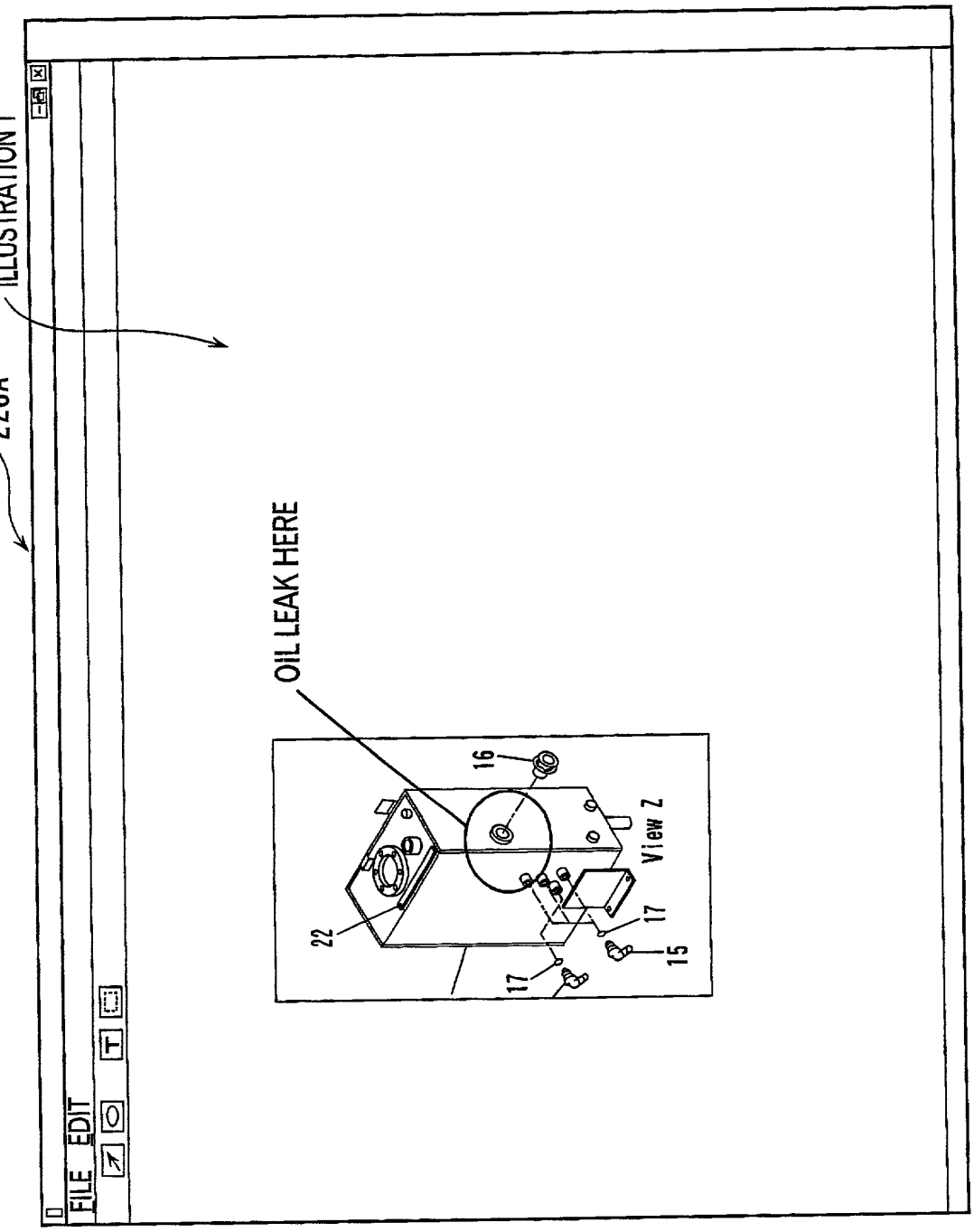


FIG.24



EP 2 720 089 A1

FIG.25

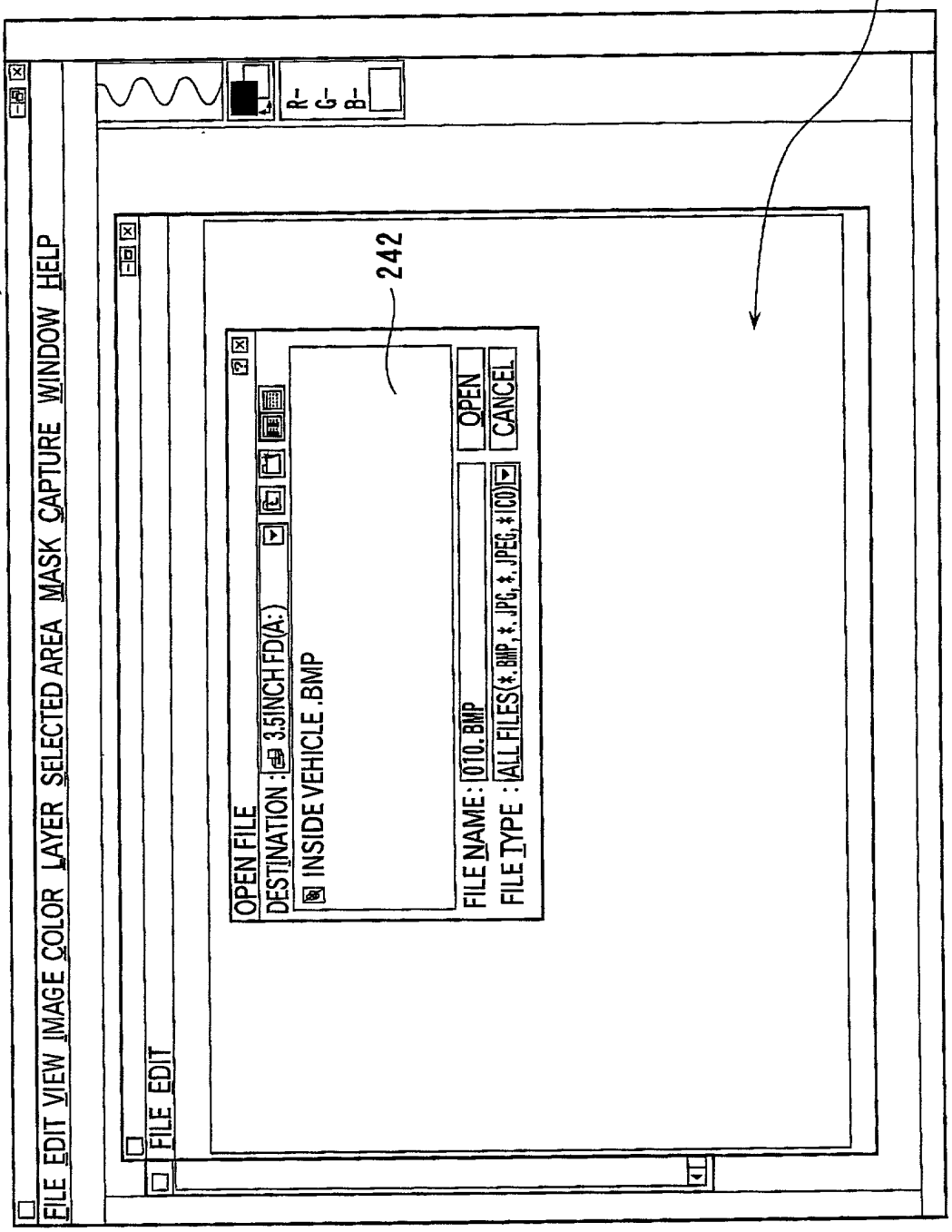
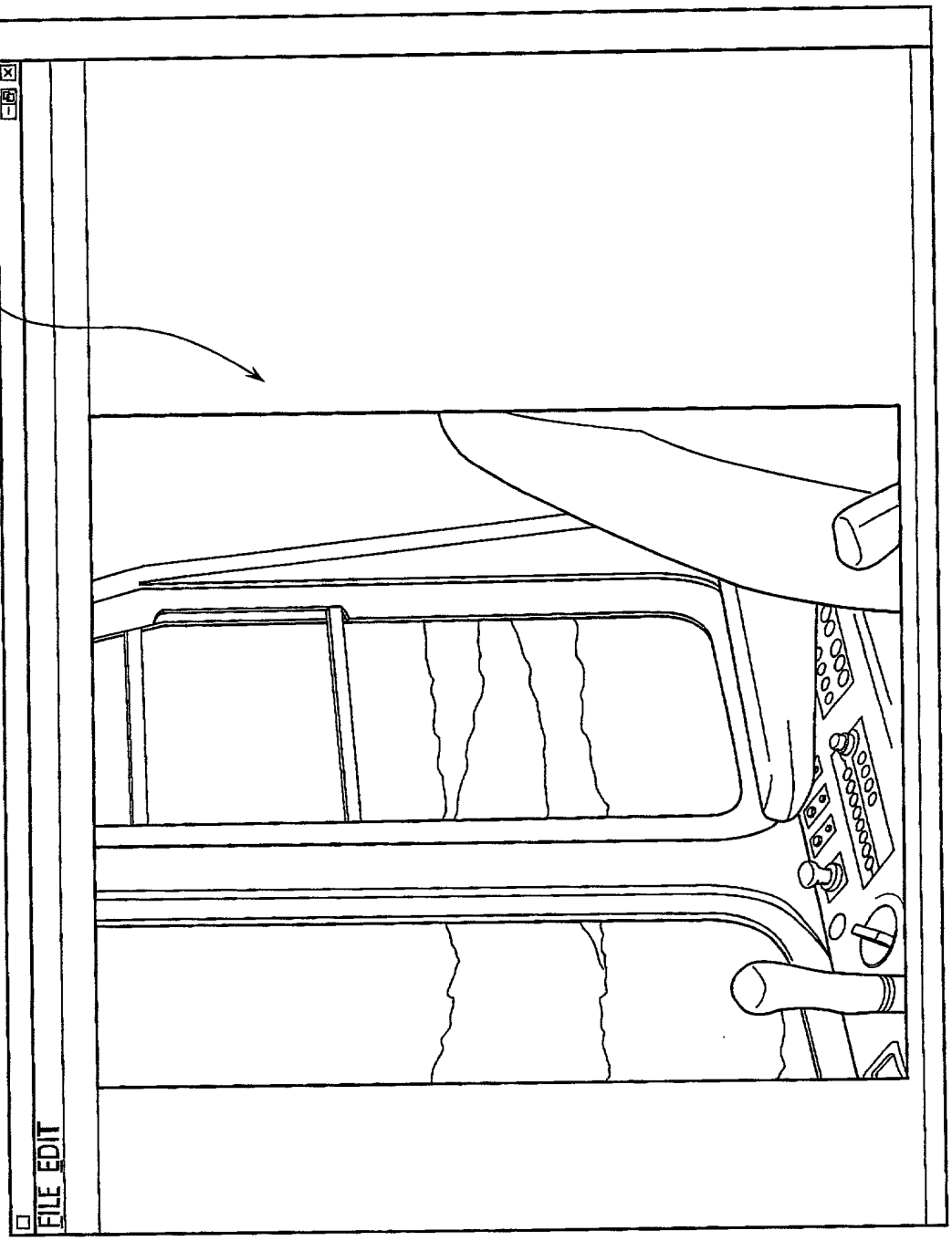

220A
FILE EDIT VIEW IMAGE COLOR LAYER SELECTED AREA MASK CAPTURE WINDOW HELP
FILE EDIT
R-
G-
B-
ILLUSTRATION 2
242
OPEN FILE
DESTINATION : 3.5INCH FD(A:)
INSIDE VEHICLE .BMP
FILE NAME: 010.BMP
FILE TYPE : ALL FILES(*.BMP, *.JPG, *.JPEG, *.ICO)
OPEN
CANCEL

FIG.26



EP 2 747 026 A1

FIG. 27

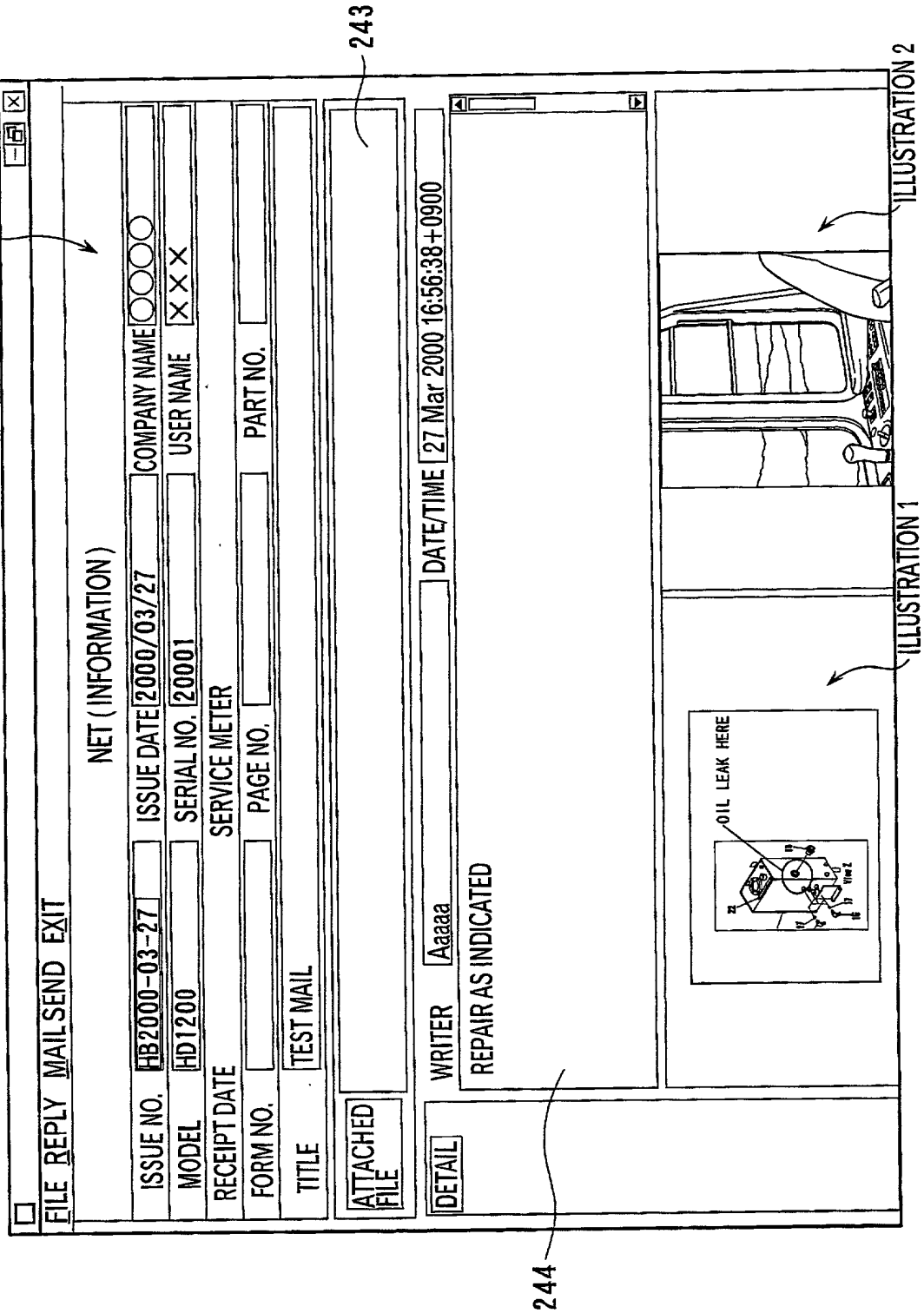

220A
241
243
244
FILE REPLY MAIL SEND EXIT
NET (INFORMATION)
ISSUE NO. HB2000-03-27
ISSUE DATE 2000/03/27
COMPANY NAME
MODEL HD1200
SERIAL NO. 20001
USER NAME XXX
RECEIPT DATE
SERVICE METER
FORM NO.
PAGE NO.
PART NO.
TITLE TEST MAIL
ATTACHED FILE
DETAIL
WRITER Aaaaa
DATE/TIME 27 Mar 2000 16:56:38+0900
REPAIR AS INDICATED
OIL LEAK HERE
ILLUSTRATION 1
ILLUSTRATION 2

FIG.28

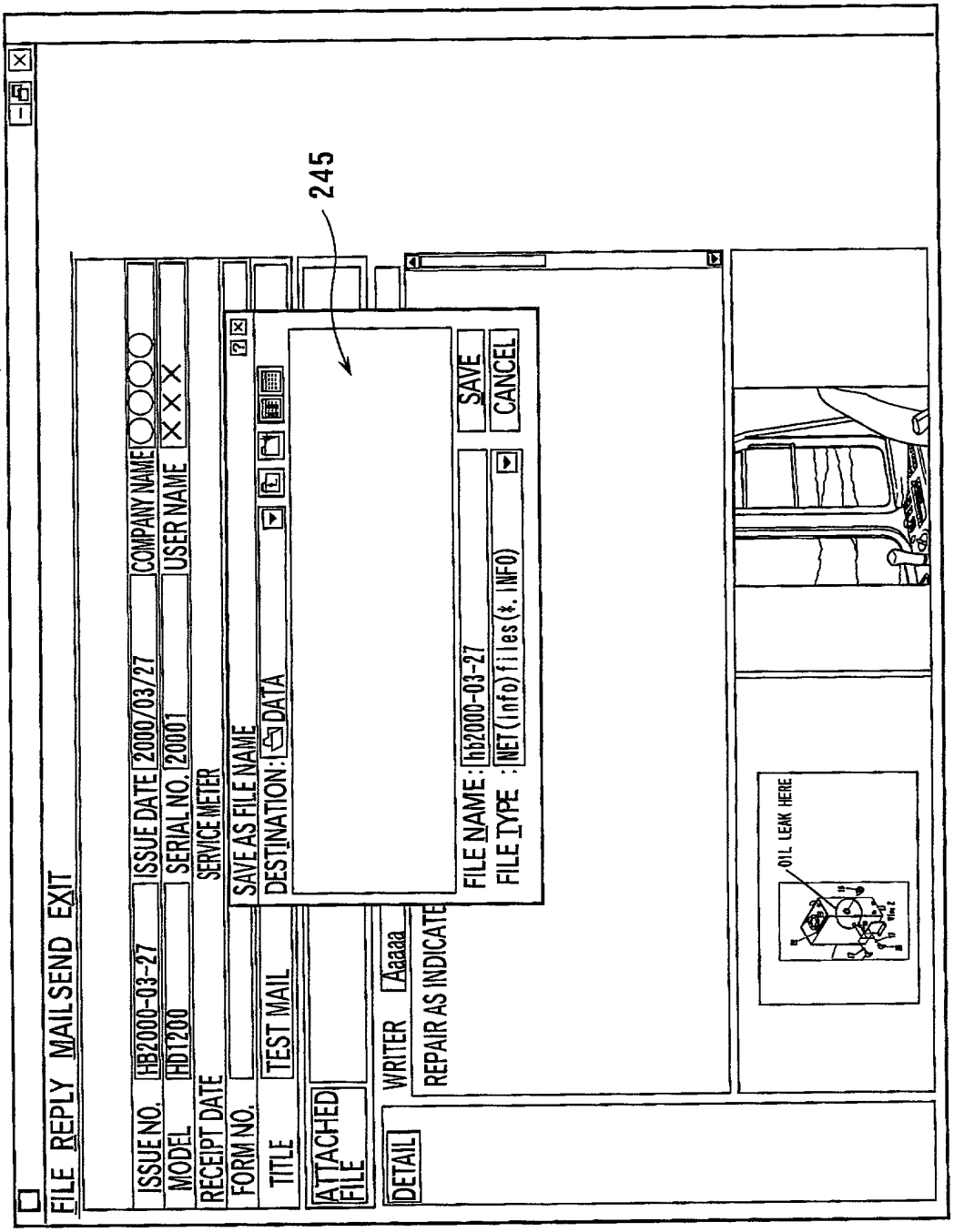

220A
245
FILE REPLY MAILSEND EXIT
ISSUE NO. HB2000-03-27
ISSUE DATE 2000/03/27
COMPANY NAME
MODEL HD1200
SERIAL NO. 20001
USER NAME XXX
RECEIPT DATE
SERVICE METER
FORM NO.
SAVE AS FILE NAME
TITLE TEST MAIL
DESTINATION: DATA
ATTACHED FILE
WRITER Aaaaa
DETAIL
REPAIR AS INDICATE
FILE NAME: hb2000-03-27
FILE TYPE : NET(info)files(*.INFO)
SAVE
CANCEL
OIL LEAK HERE

FIG.29

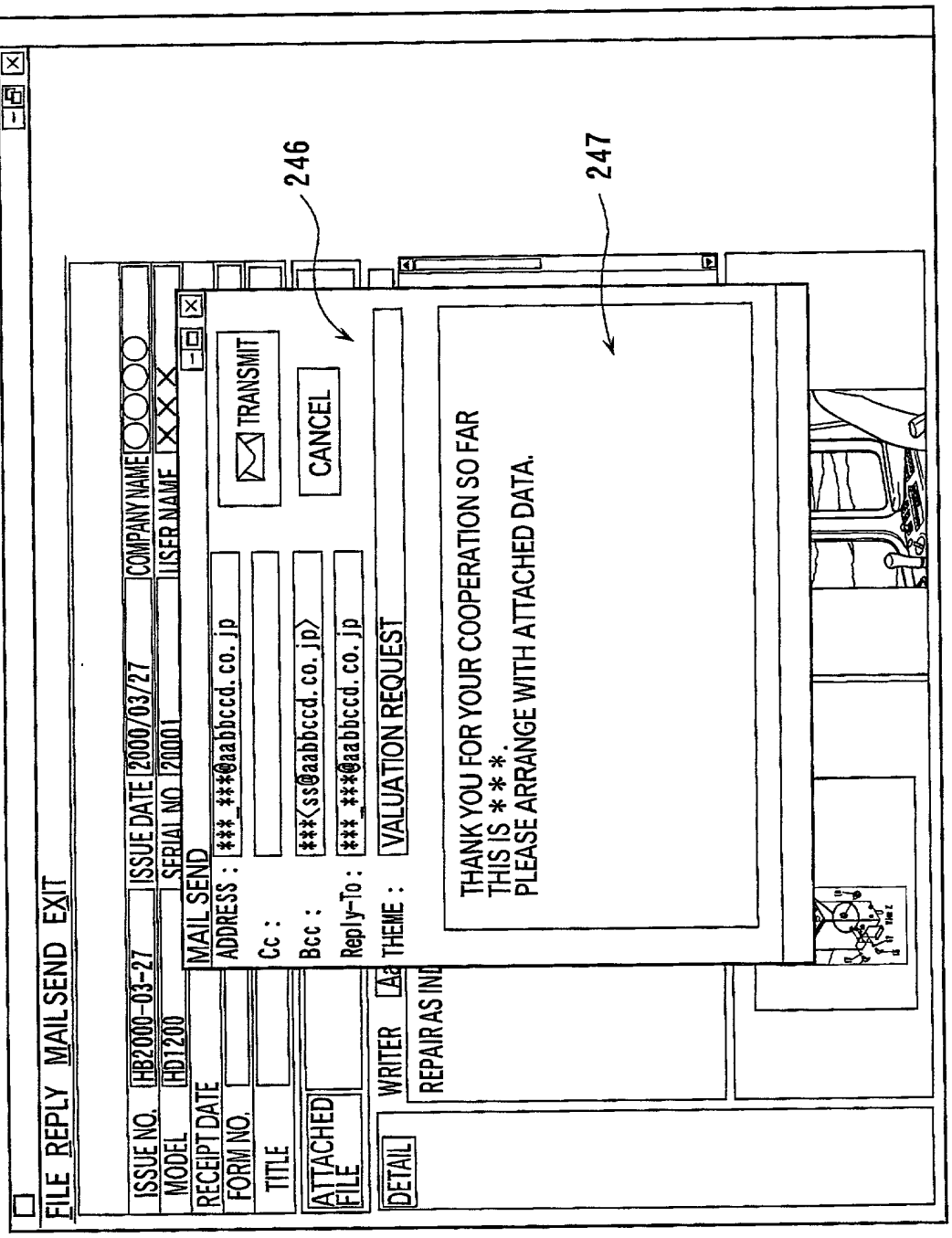

220A
FILE REPLY MAIL SEND EXIT
ISSUE NO. HB2000-03-27
ISSUE DATE 2000/03/27
COMPANY NAME
MODEL HD1200
SERIAL NO 20001
USER NAME XXX
RECEIPT DATE
FORM NO.
TITLE
ATTACHED FILE
DETAIL
WRITER
REPAIR AS IN
MAIL SEND
ADDRESS : ***_***@aabbccd.co.jp
Cc :
Bcc : ***<ss@aabbccd.co.jp>
Reply-To : ***_***@aabbccd.co.jp
THEME : VALUATION REQUEST
TRANSMIT
CANCEL
246
247
THANK YOU FOR YOUR COOPERATION SO FAR
THIS IS ***.
PLEASE ARRANGE WITH ATTACHED DATA.

FIG.30

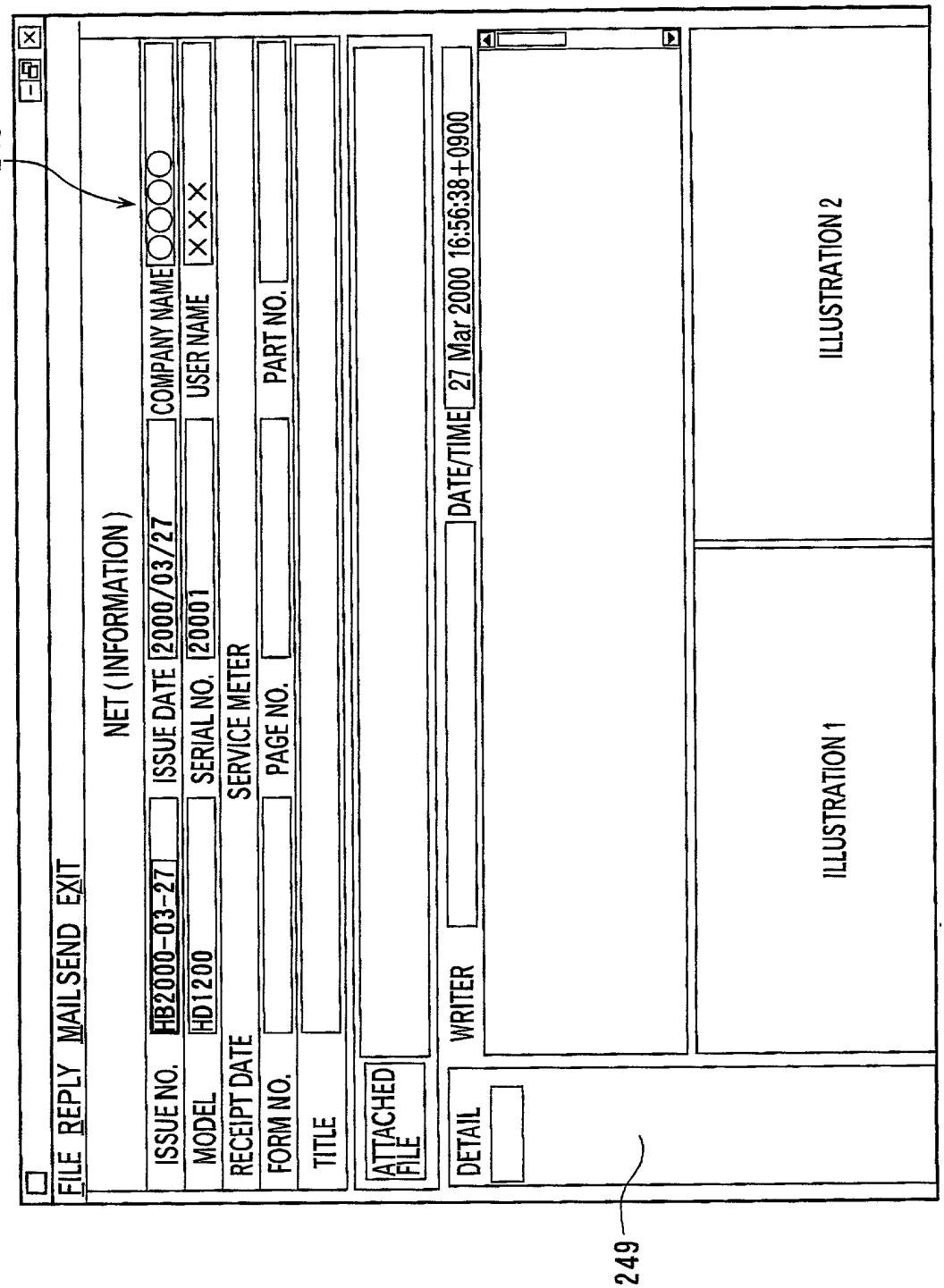

248
FILE REPLY MAIL SEND EXIT
NET (INFORMATION)
ISSUE NO. HB2000-03-27
ISSUE DATE 2000/03/27
COMPANY NAME ○○○
MODEL HD1200
SERIAL NO. 20001
USER NAME ×××
RECEIPT DATE
SERVICE METER
FORM NO.
PAGE NO.
PART NO.
TITLE
ATTACHED FILE
WRITER
DATE/TIME 27 Mar 2000 16:56:38+0900
DETAIL
ILLUSTRATION 1
ILLUSTRATION 2
249

FIG.31

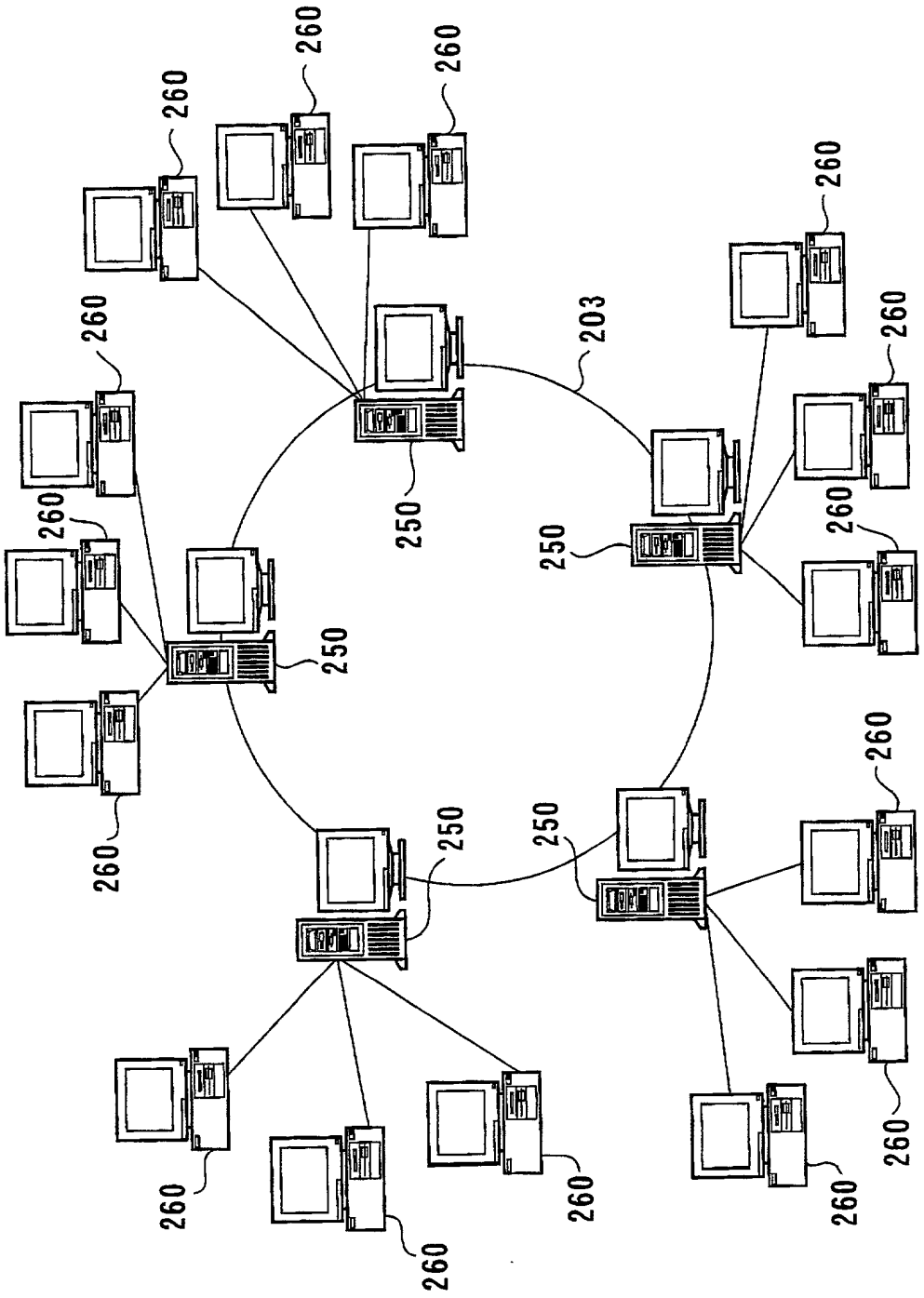


FIG.32

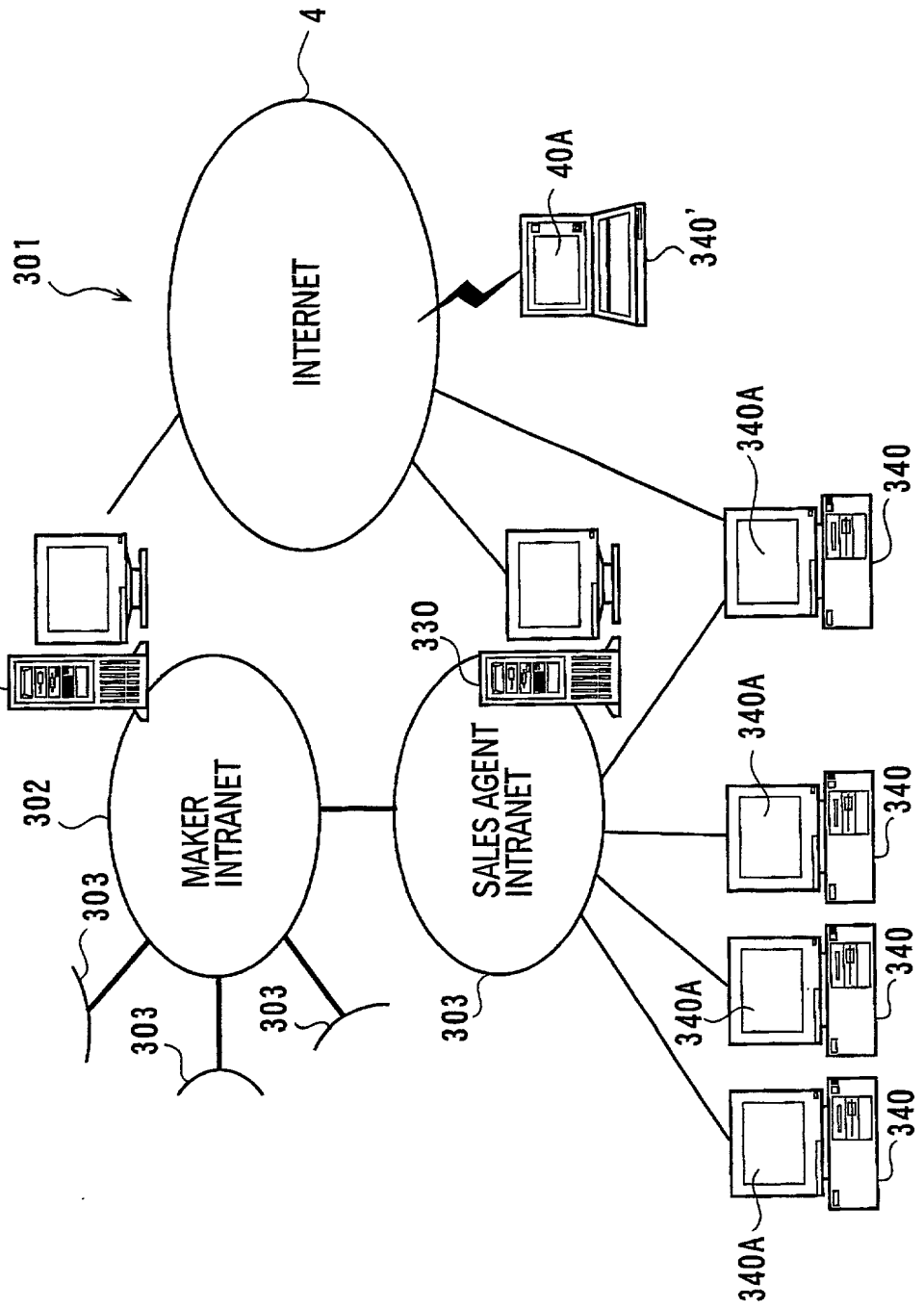

4
INTERNET
301
40A
340'
340A
340
320
330
302
MAKER INTRANET
SALES AGENT INTRANET
303
303
303
303
340A
340
340A
340
340A
340
340A
340

FIG.33

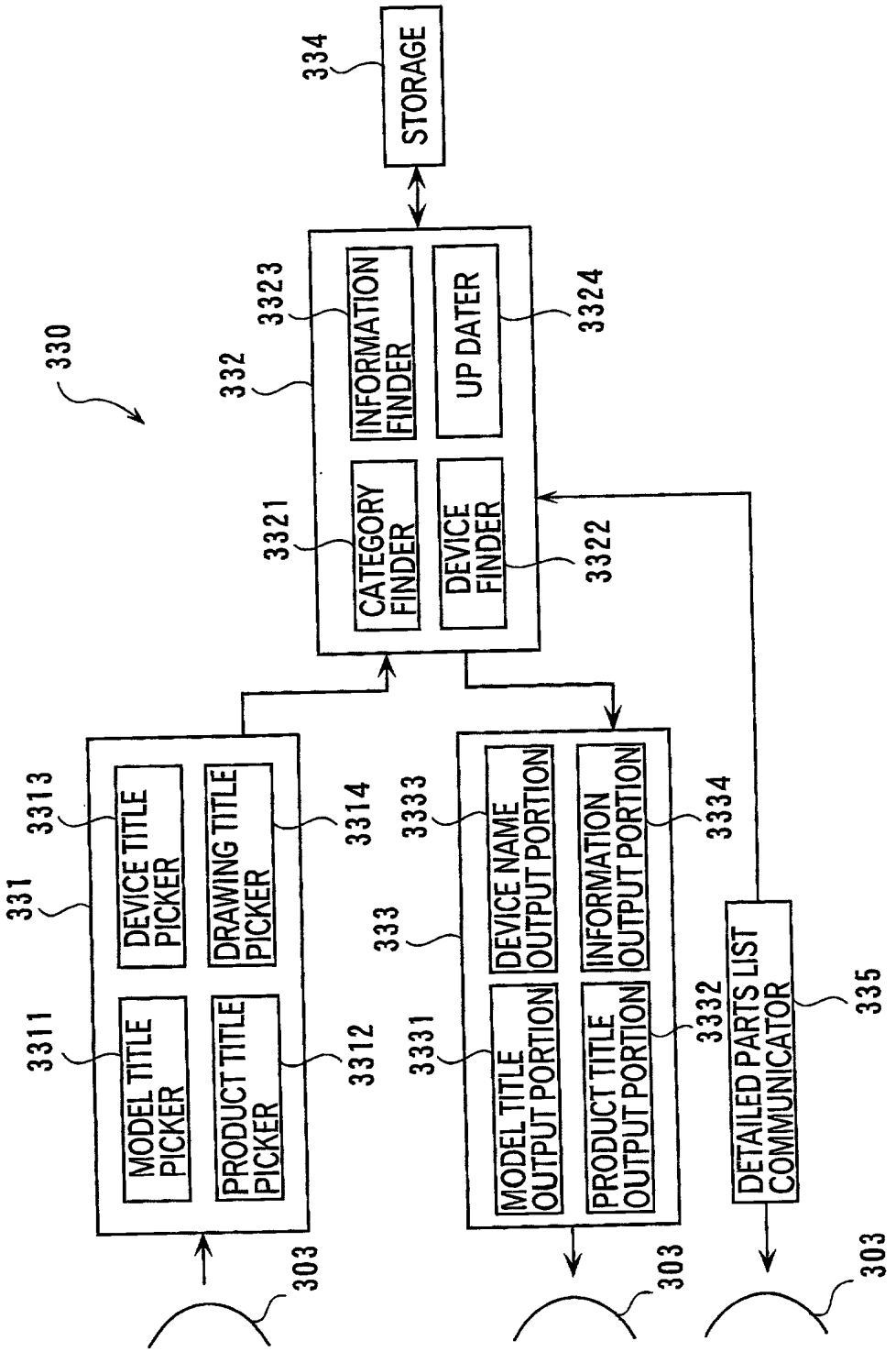

330
334
STORAGE
332
3323
INFORMATION FINDER
UP DATER
3324
3321
CATEGORY FINDER
DEVICE FINDER
3322
331
3313
DEVICE TITLE PICKER
DRAWING TITLE PICKER
3314
3311
MODEL TITLE PICKER
PRODUCT TITLE PICKER
3312
303
333
3333
DEVICE NAME OUTPUT PORTION
INFORMATION OUTPUT PORTION
3334
3331
MODEL TITLE OUTPUT PORTION
PRODUCT TITLE OUTPUT PORTION
3332
303
DETAILED PARTS LIST COMMUNICATOR
335
303

FIG.34

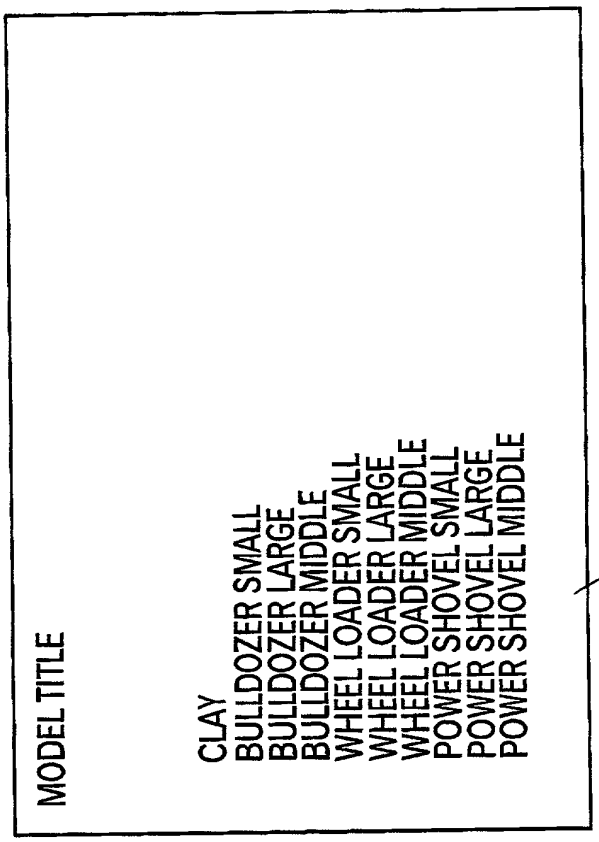

MODEL TITLE
CLAY
BULLDOZER SMALL
BULLDOZER LARGE
BULLDOZER MIDDLE
WHEEL LOADER SMALL
WHEEL LOADER LARGE
WHEEL LOADER MIDDLE
POWER SHOVEL SMALL
POWER SHOVEL LARGE
POWER SHOVEL MIDDLE
3341

FIG.35

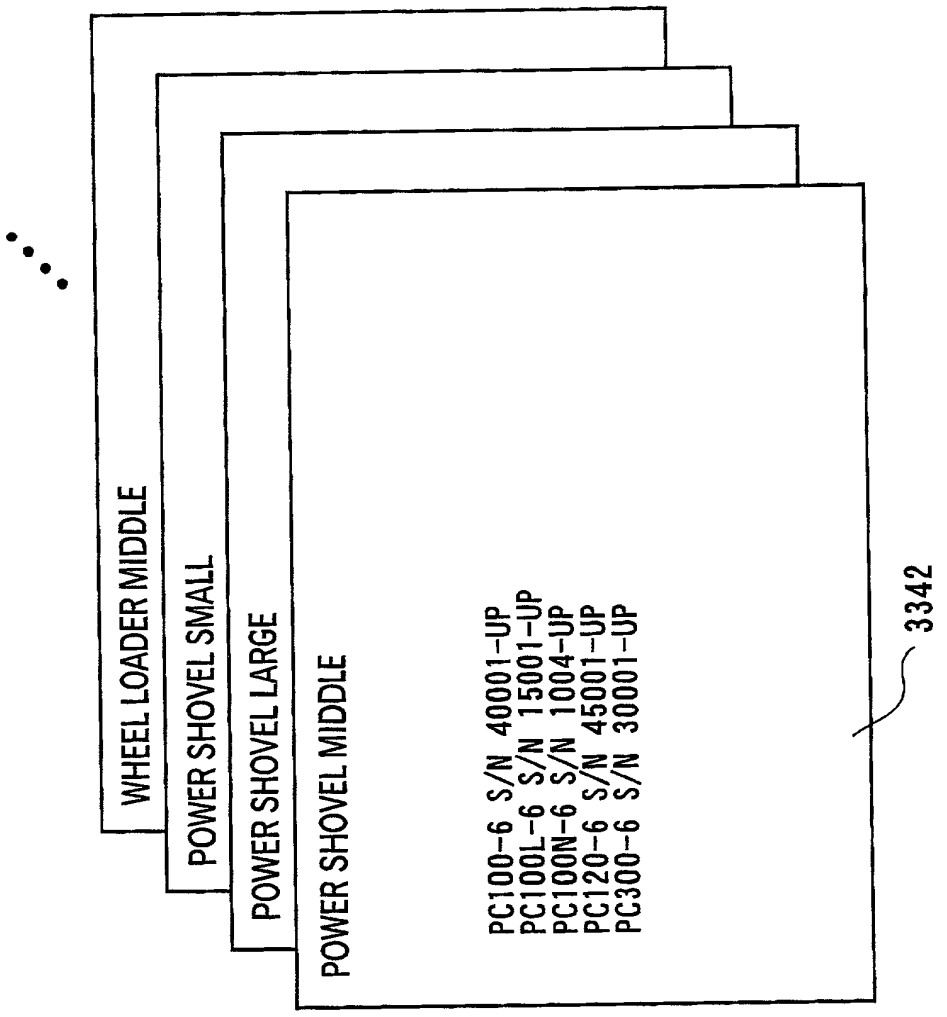
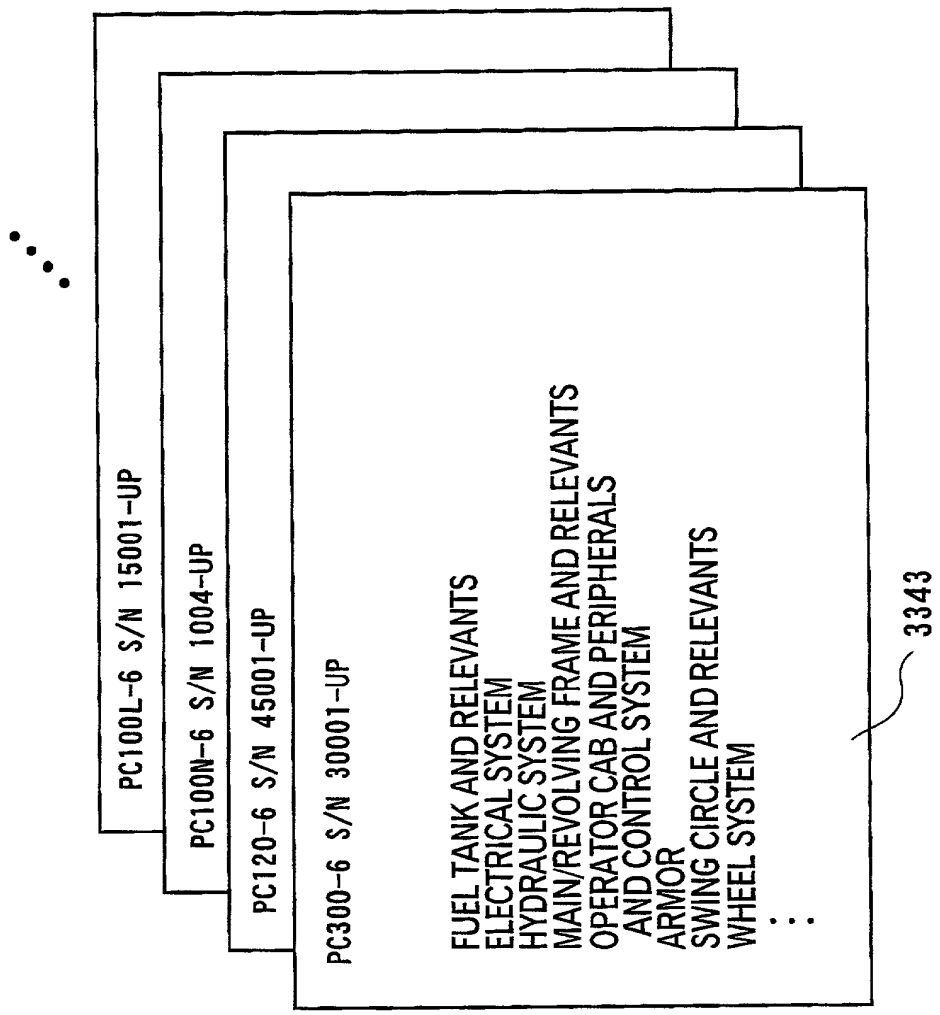

WHEEL LOADER MIDDLE
POWER SHOVEL SMALL
POWER SHOVEL LARGE
POWER SHOVEL MIDDLE
PC100-6 S/N 40001-UP
PC100L-6 S/N 15001-UP
PC100N-6 S/N 1004-UP
PC120-6 S/N 45001-UP
PC300-6 S/N 30001-UP
3342

FIG.36



D3E2B3E3-D4E2-D3E4

FIG.37

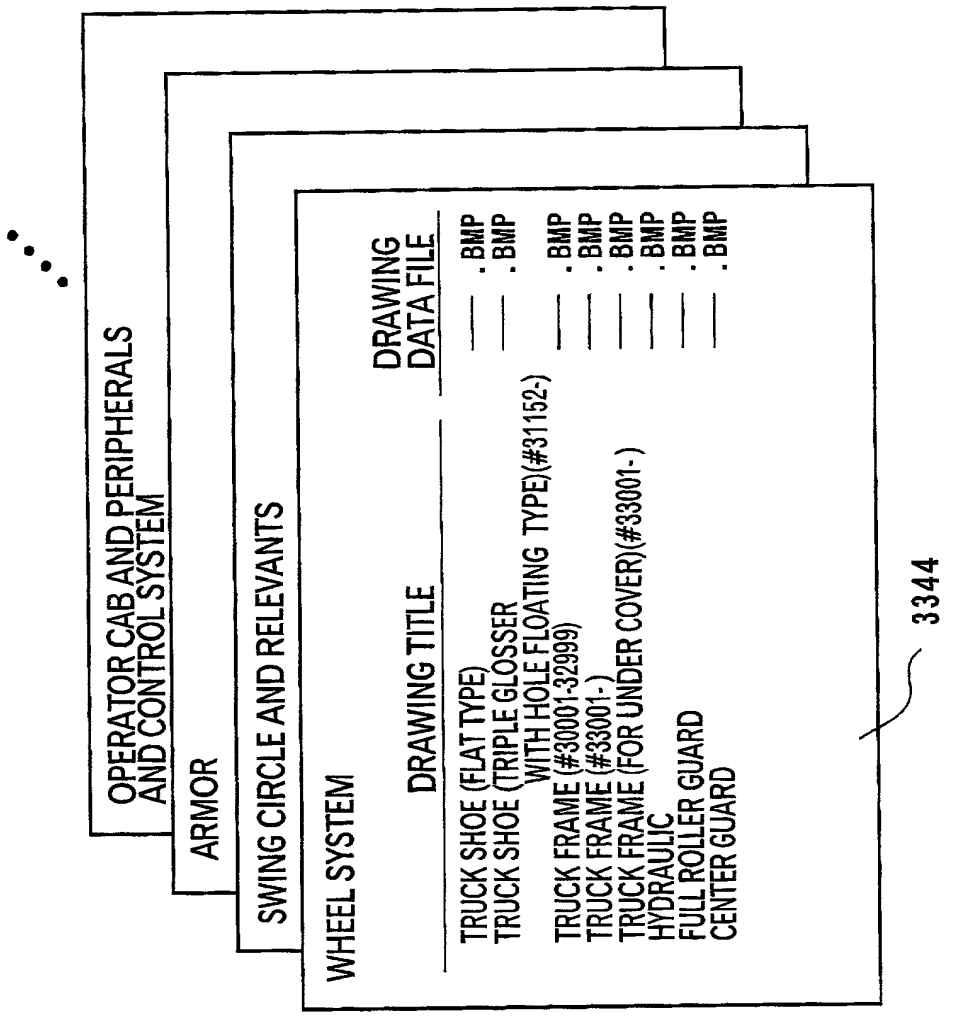

OPERATOR CAB AND PERIPHERALS AND CONTROL SYSTEM
ARMOR
SWING CIRCLE AND RELEVANTS
WHEEL SYSTEM
DRAWING TITLE
DRAWING DATA FILE
TRUCK SHOE (FLAT TYPE) .BMP
TRUCK SHOE (TRIPLE GLOSSER WITH HOLE FLOATING TYPE)(#31152-) .BMP
TRUCK FRAME (#30001-32999) .BMP
TRUCK FRAME (#33001-) .BMP
TRUCK FRAME (FOR UNDER COVER)(#33001-) .BMP
HYDRAULIC .BMP
FULL ROLLER GUARD .BMP
CENTER GUARD .BMP
3344

FIG.38

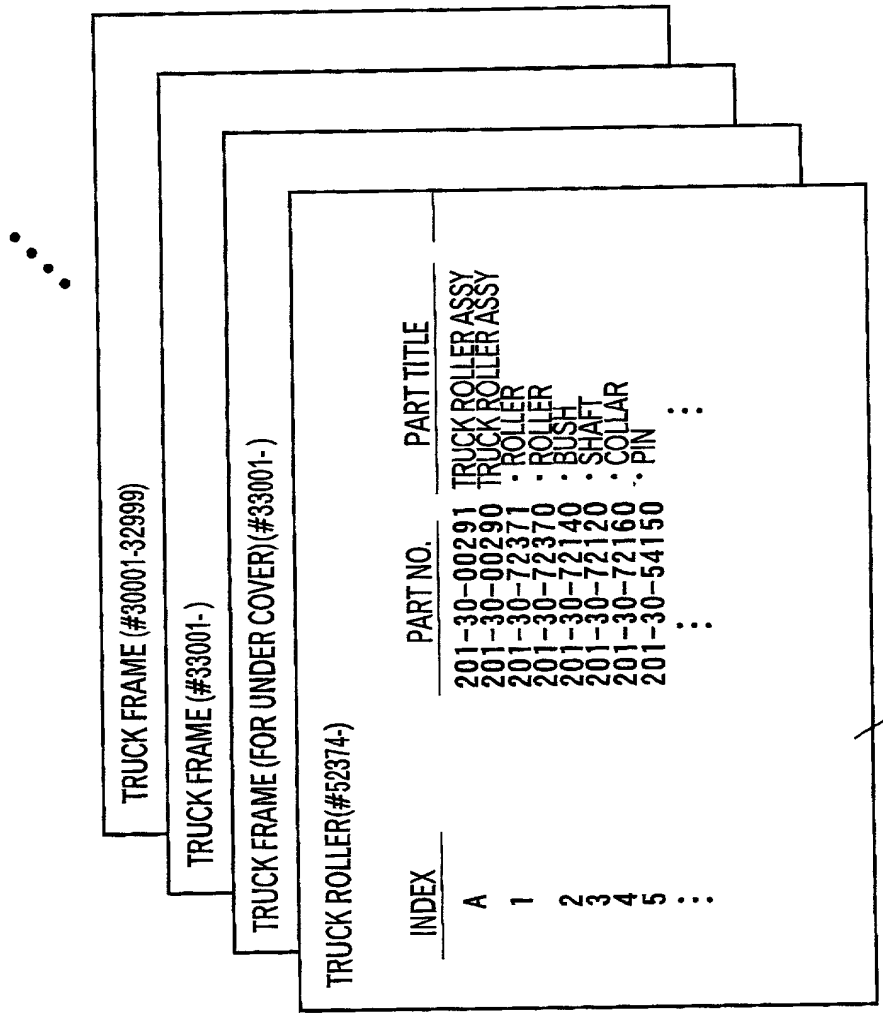
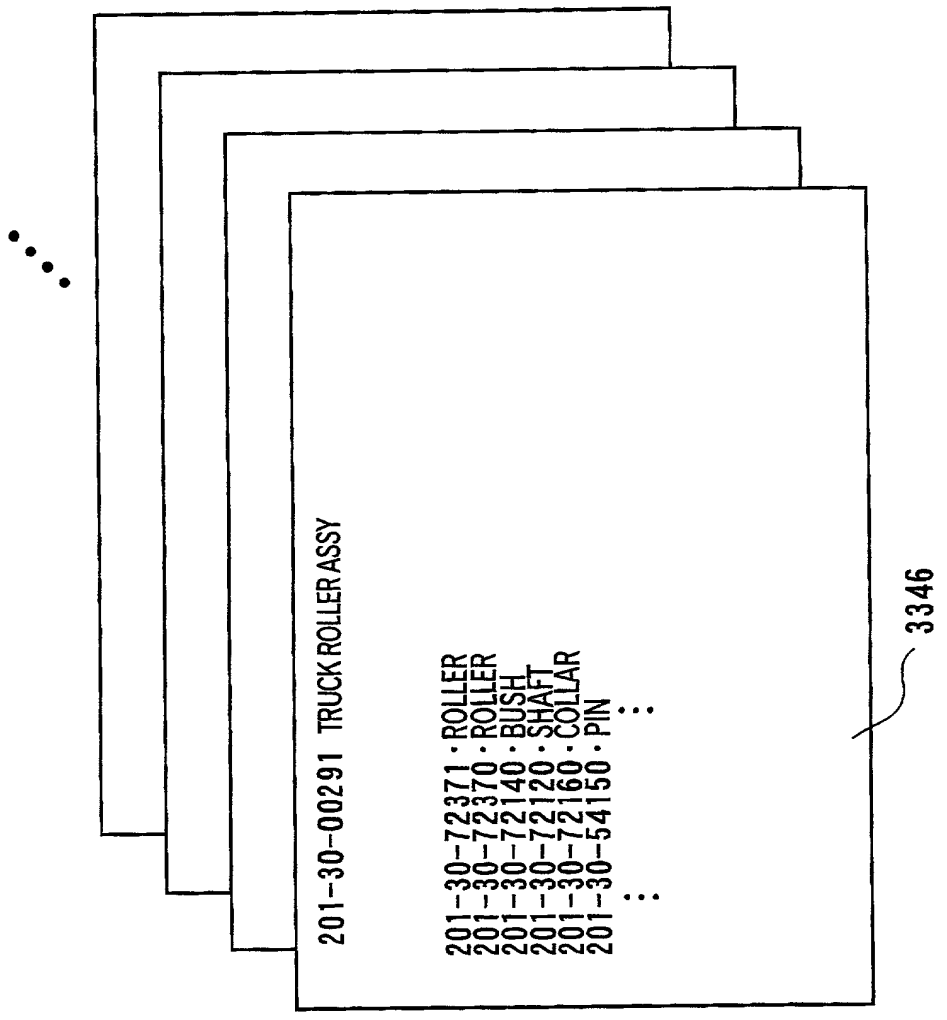

TRUCK FRAME (#30001-32999)
TRUCK FRAME (#33001-)
TRUCK FRAME (FOR UNDER COVER)(#33001-)
TRUCK ROLLER(#52374-)
INDEX
PART NO.
PART TITLE
A 201-30-00291 TRUCK ROLLER ASSY
1 201-30-00290 TRUCK ROLLER ASSY
2 201-30-72371 : ROLLER
3 201-30-72370 : ROLLER
4 201-30-72140 : BUSH
5 201-30-72120 : SHAFT
201-30-72160 : COLLAR
201-30-54150 : PIN
3345

FIG.39



D3E2B3-D4E2A0

FIG.40

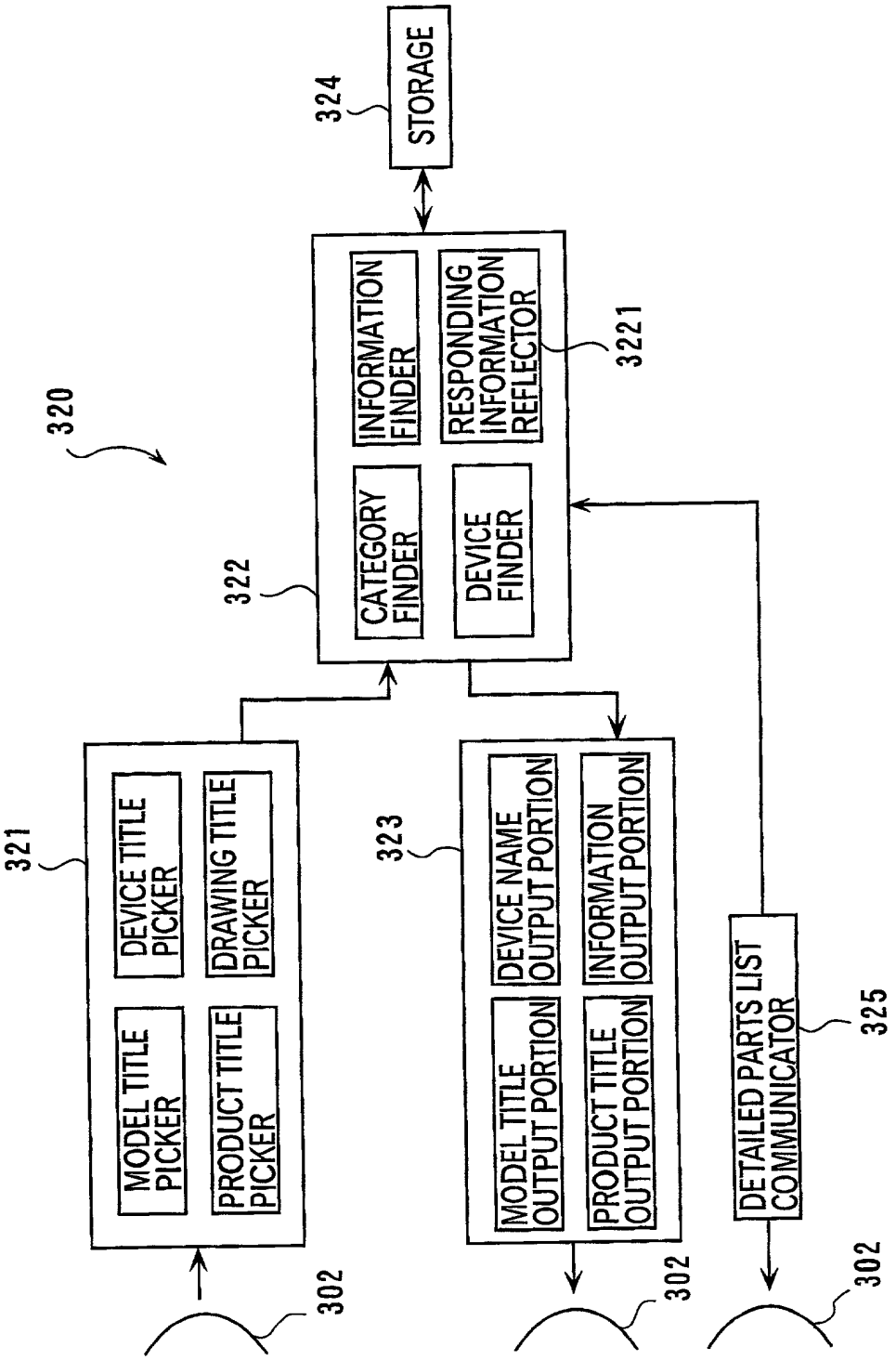

320
324
STORAGE
322
CATEGORY FINDER
DEVICE FINDER
INFORMATION FINDER
RESPONDING INFORMATION REFLECTOR
3221
321
MODEL TITLE PICKER
PRODUCT TITLE PICKER
DEVICE TITLE PICKER
DRAWING TITLE PICKER
323
MODEL TITLE OUTPUT PORTION
PRODUCT TITLE OUTPUT PORTION
DEVICE NAME OUTPUT PORTION
INFORMATION OUTPUT PORTION
DETAILED PARTS LIST COMMUNICATOR
325
302
302
302

FIG. 41

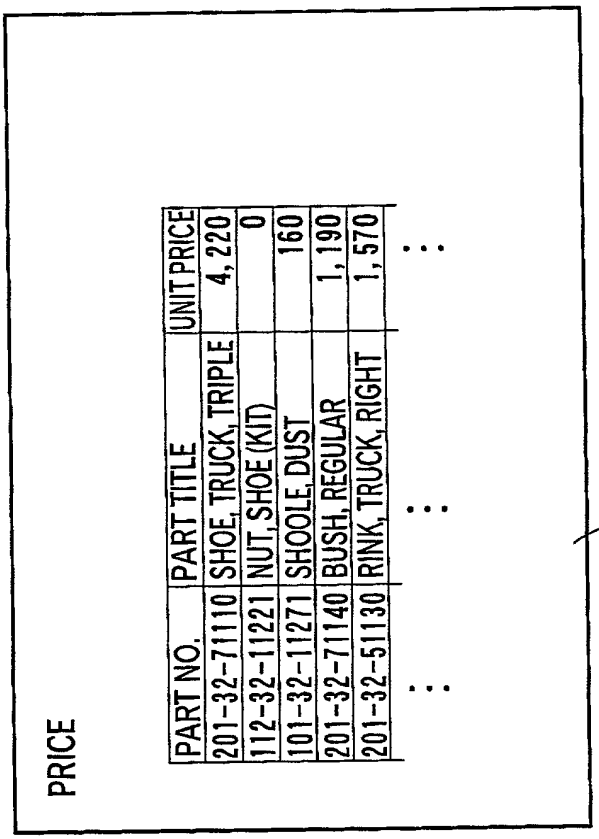

PRICE
PART NO.
PART TITLE
UNIT PRICE
201-32-71110
SHOE, TRUCK, TRIPLE
4,220
112-32-11221
NUT, SHOE (KIT)
0
101-32-11271
SHOOLE, DUST
160
201-32-71140
BUSH, REGULAR
1,190
201-32-51130
RINK, TRUCK, RIGHT
1,570
3241

FIG. 42

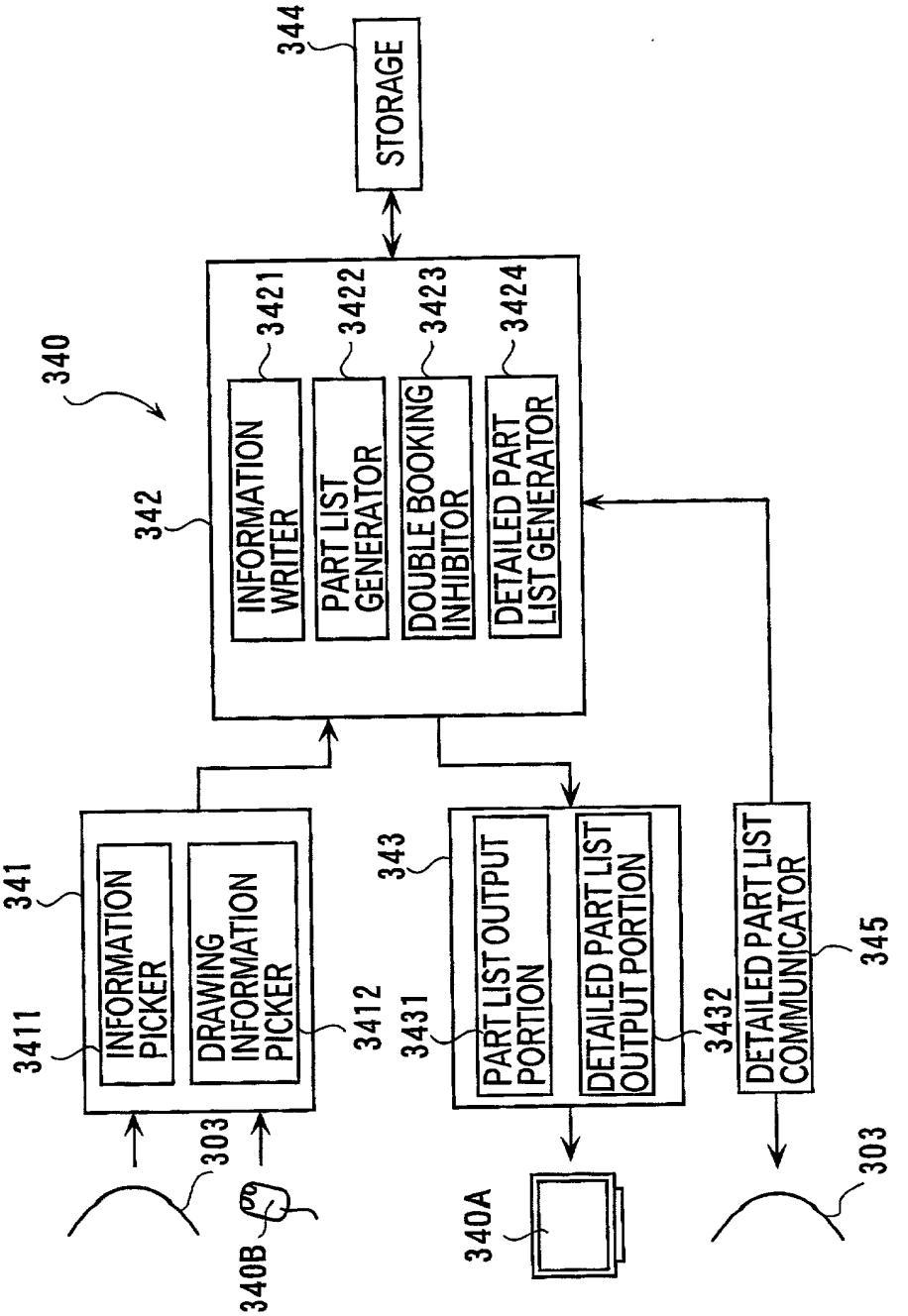

344
STORAGE
340
342
3421
INFORMATION WRITER
3422
PART LIST GENERATOR
3423
DOUBLE BOOKING INHIBITOR
3424
DETAILED PART LIST GENERATOR
341
3411
INFORMATION PICKER
DRAWING INFORMATION PICKER
3412
303
340B
343
3431
PART LIST OUTPUT PORTION
DETAILED PART LIST OUTPUT PORTION
3432
340A
DETAILED PART LIST COMMUNICATOR
345
303

FIG.43

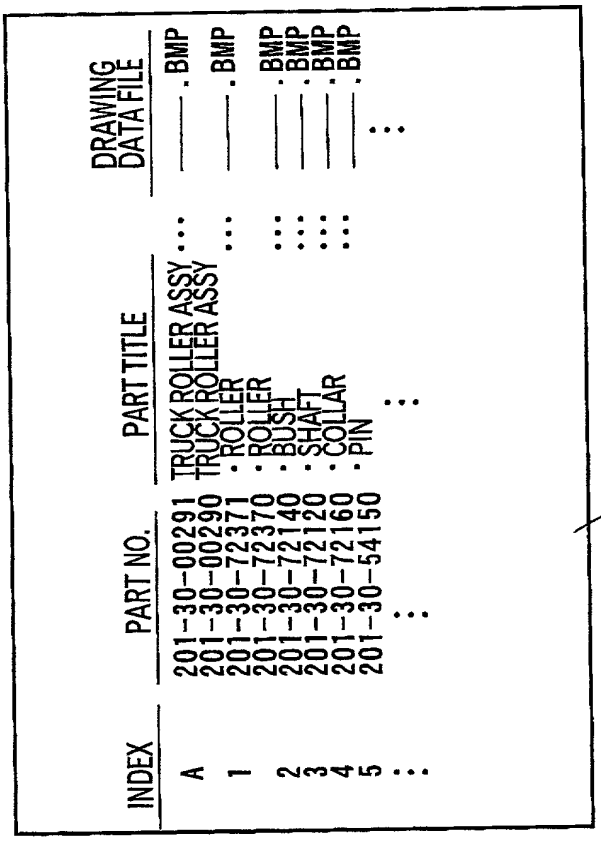

INDEX
PART NO.
PART TITLE
DRAWING DATA FILE
A
201-30-00291
TRUCK ROLLER ASSY
. . .
. BMP
201-30-00290
TRUCK ROLLER ASSY
. . .
. BMP
1
201-30-72371
• ROLLER
. . .
. BMP
201-30-72370
• ROLLER
. . .
. BMP
2
201-30-72140
• BUSH
. . .
. BMP
3
201-30-72120
• SHAFT
. . .
. BMP
4
201-30-72160
• COLLAR
. . .
. BMP
5
201-30-54150
• PIN
. . .
. . .
. . .
. . .
3441

FIG.44

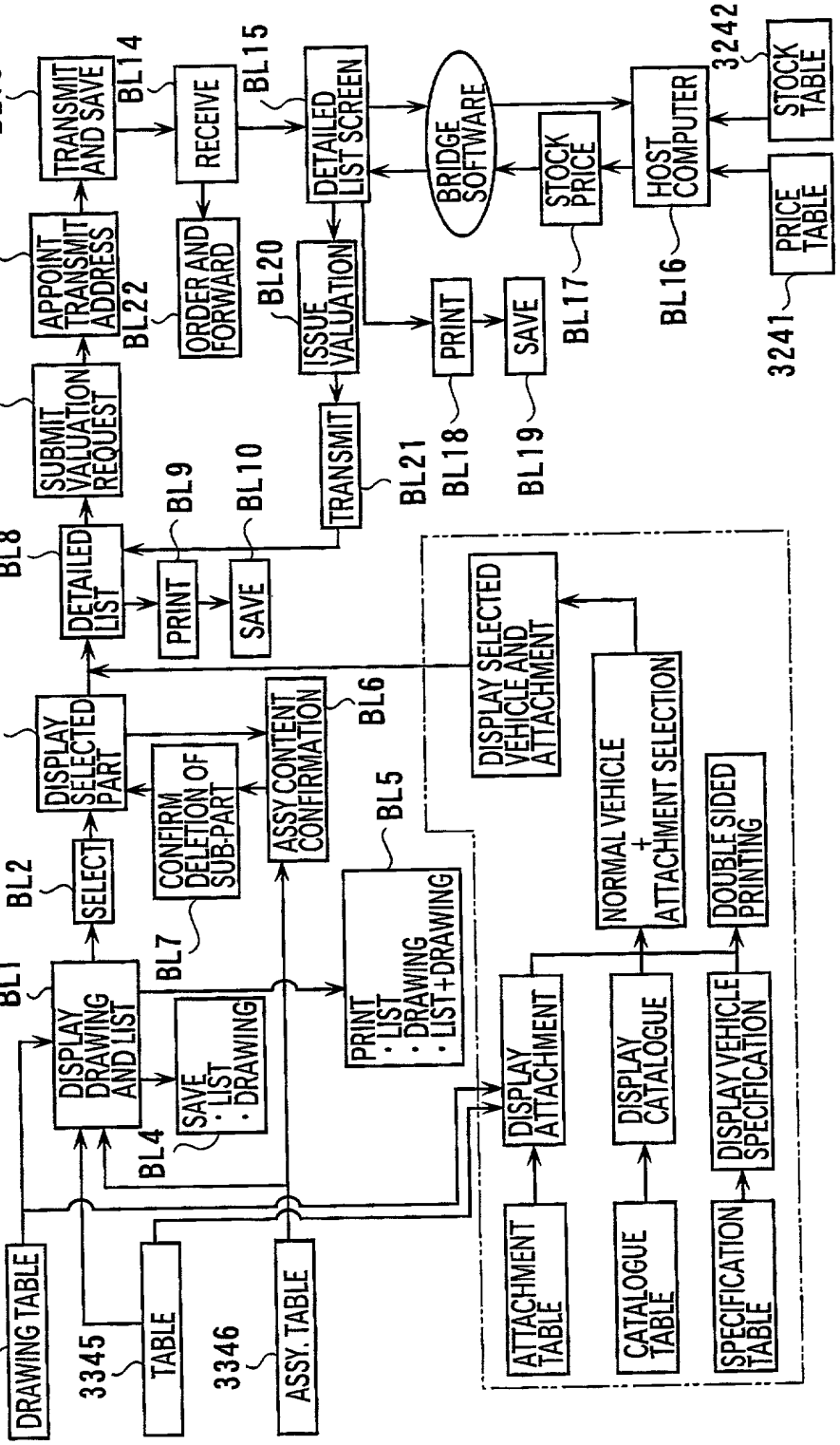

DRAWING TABLE
3344
TABLE
3345
ASSY. TABLE
3346
ATTACHMENT TABLE
CATALOGUE TABLE
SPECIFICATION TABLE
PRICE TABLE
3241
STOCK TABLE
3242
HOST COMPUTER
BL16
BRIDGE SOFTWARE
STOCK PRICE
BL17
BL1
DISPLAY DRAWING AND LIST
BL2
SELECT
BL3
DISPLAY SELECTED PART
BL4
SAVE : LIST : DRAWING
BL5
PRINT : LIST : DRAWING : LIST+DRAWING
BL6
ASSY CONTENT CONFIRMATION
BL7
CONFIRM DELETION OF SUB-PART
BL8
DETAILED LIST
BL9
PRINT
BL10
SAVE
BL11
SUBMIT VALUATION REQUEST
BL12
APPOINT TRANSMIT ADDRESS
BL13
TRANSMIT AND SAVE
BL14
RECEIVE
BL15
DETAILED LIST SCREEN
BL20
ISSUE VALUATION
BL21
TRANSMIT
BL18
PRINT
BL19
SAVE
BL22
ORDER AND FORWARD
DISPLAY ATTACHMENT
DISPLAY CATALOGUE
DISPLAY VEHICLE SPECIFICATION
DISPLAY SELECTED VEHICLE AND ATTACHMENT
NORMAL VEHICLE + ATTACHMENT SELECTION
DOUBLE SIDED PRINTING

FIG. 45

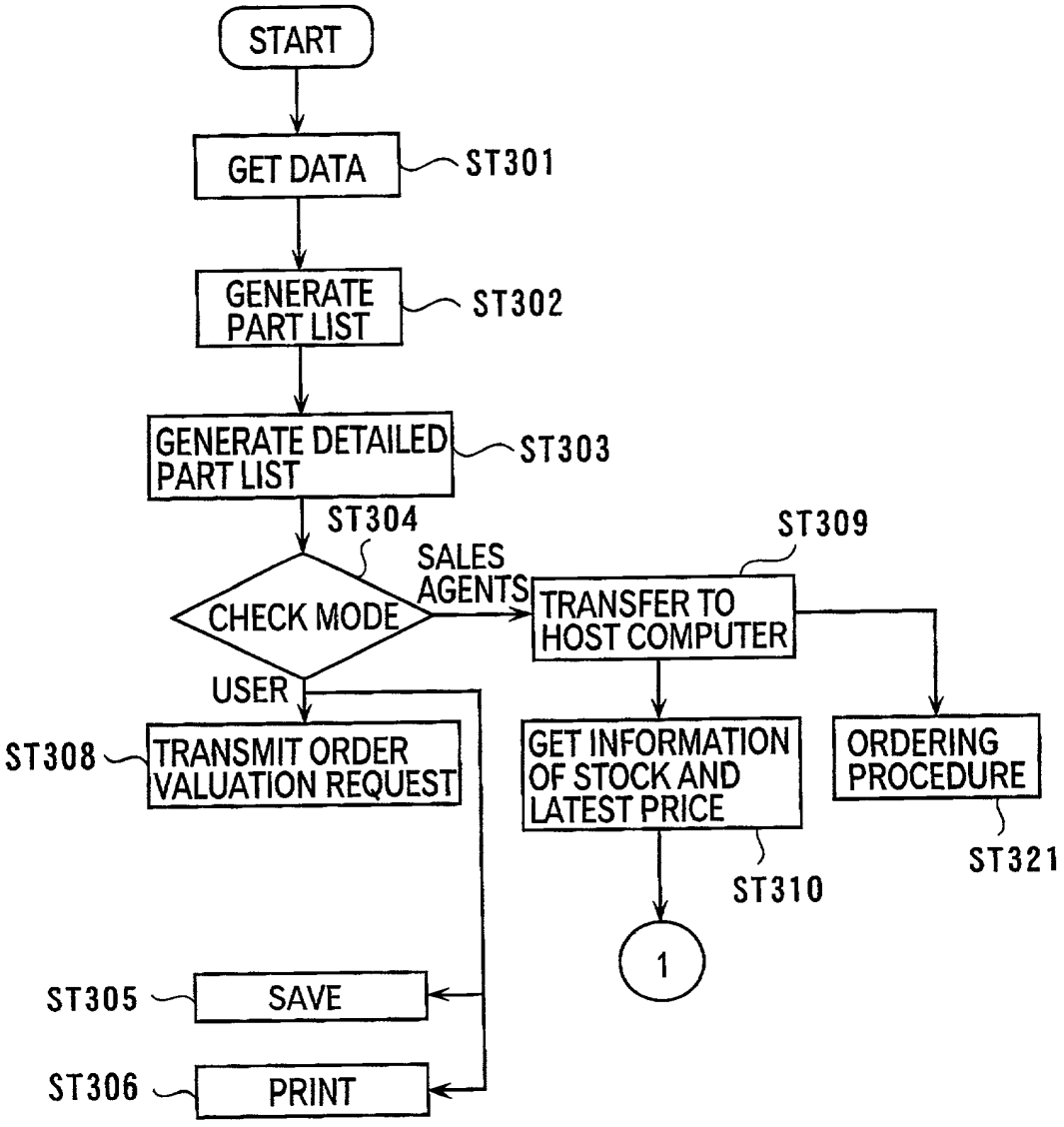

START
GET DATA
ST301
GENERATE PART LIST
ST302
GENERATE DETAILED PART LIST
ST303
ST304
CHECK MODE
SALES AGENTS
ST309
TRANSFER TO HOST COMPUTER
USER
ST308
TRANSMIT ORDER VALUATION REQUEST
GET INFORMATION OF STOCK AND LATEST PRICE
ST310
ORDERING PROCEDURE
ST321
1
ST305
SAVE
ST306
PRINT

FIG. 46

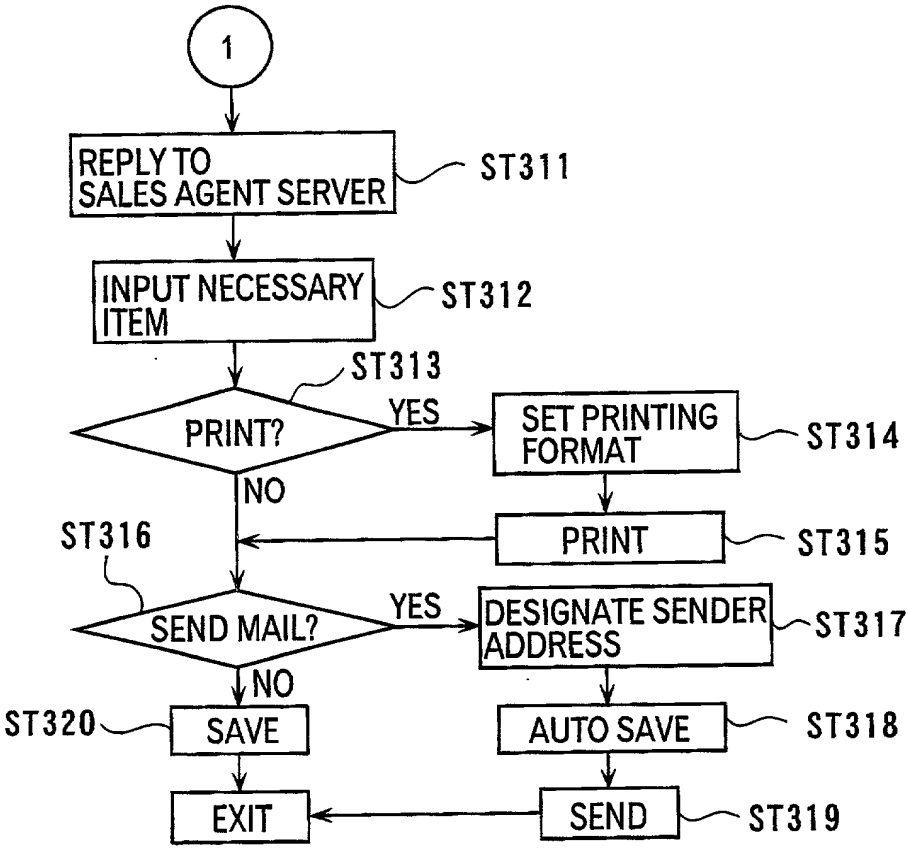

1
REPLY TO SALES AGENT SERVER
ST311
INPUT NECESSARY ITEM
ST312
ST313
PRINT?
YES
SET PRINTING FORMAT
ST314
NO
ST316
PRINT
ST315
SEND MAIL?
YES
DESIGNATE SENDER ADDRESS
ST317
NO
ST320
SAVE
AUTO SAVE
ST318
EXIT
SEND
ST319

FIG. 47

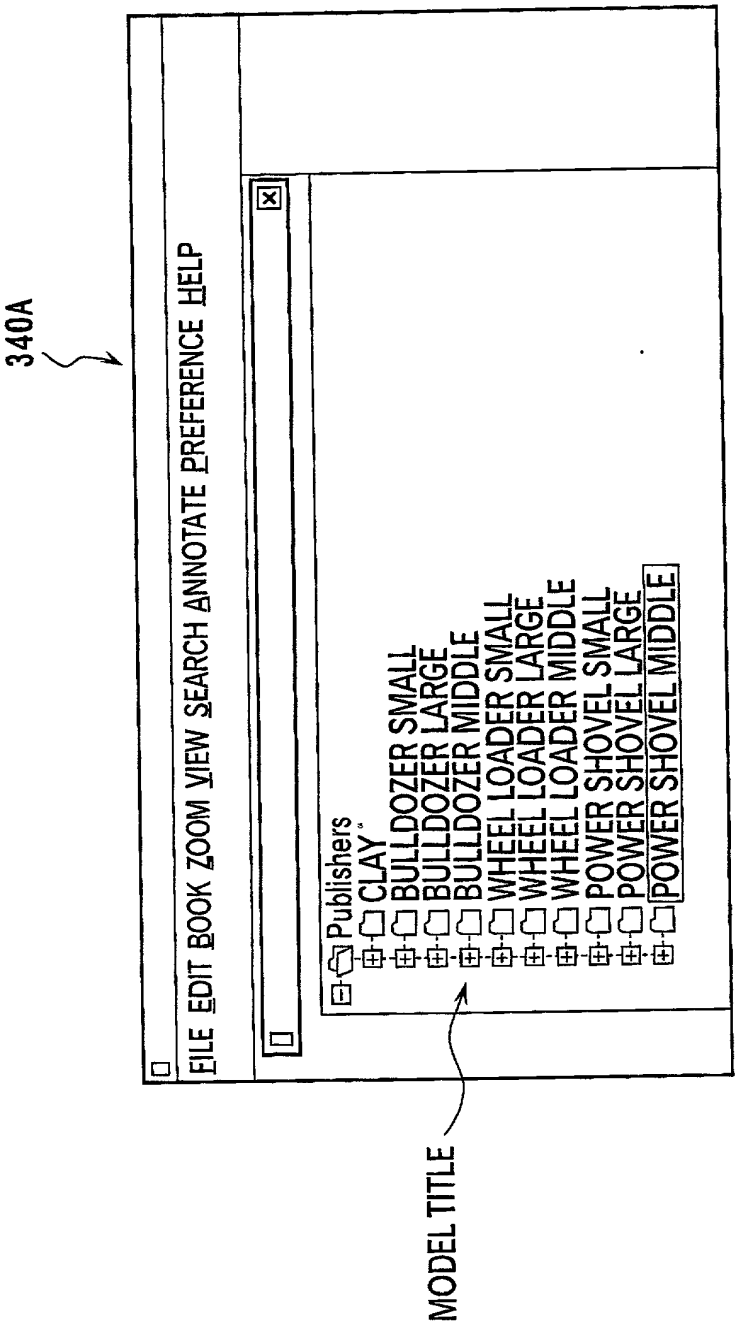

340A
FILE EDIT BOOK ZOOM VIEW SEARCH ANNOTATE PREFERENCE HELP
Publishers
CLAY
BULLDOZER SMALL
BULLDOZER LARGE
BULLDOZER MIDDLE
WHEEL LOADER SMALL
WHEEL LOADER LARGE
WHEEL LOADER MIDDLE
POWER SHOVEL SMALL
POWER SHOVEL LARGE
POWER SHOVEL MIDDLE
MODEL TITLE

FIG.48

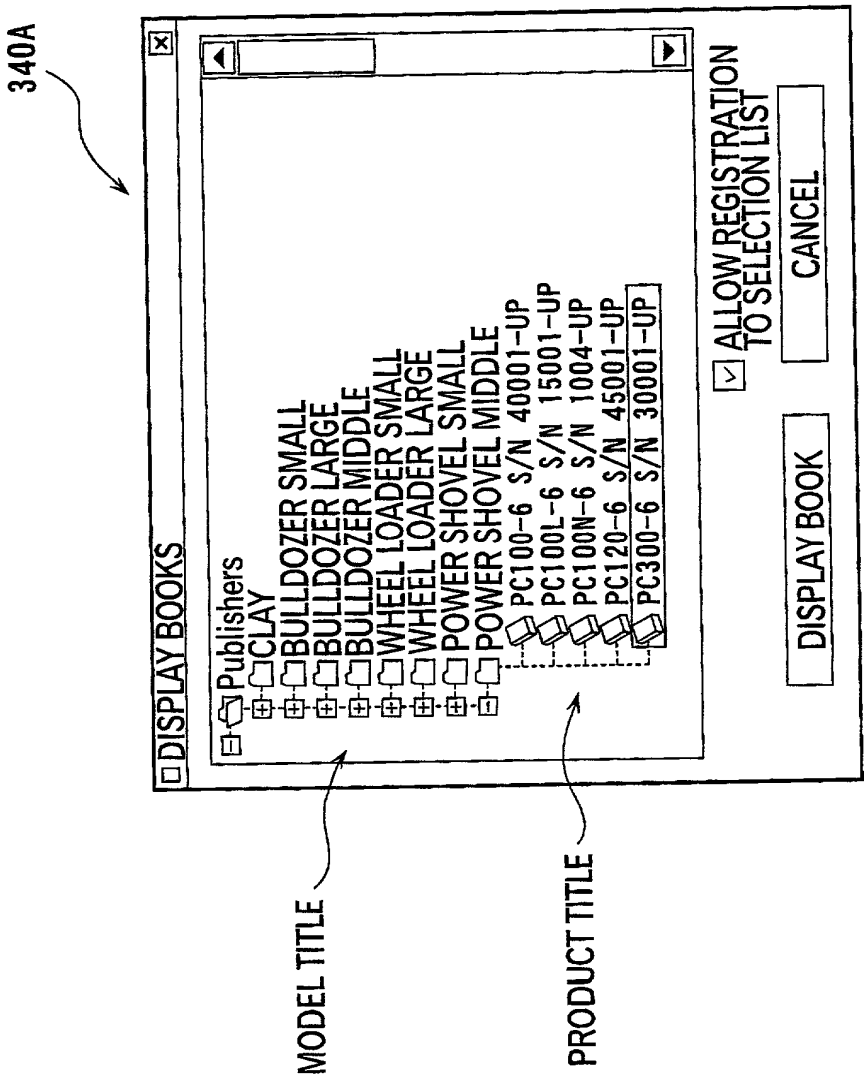

340A
DISPLAY BOOKS
Publishers
CLAY
BULLDOZER SMALL
BULLDOZER LARGE
BULLDOZER MIDDLE
WHEEL LOADER SMALL
WHEEL LOADER LARGE
POWER SHOVEL SMALL
POWER SHOVEL MIDDLE
PC100-6 S/N 40001-UP
PC100L-6 S/N 15001-UP
PC100N-6 S/N 1004-UP
PC120-6 S/N 45001-UP
PC300-6 S/N 30001-UP
ALLOW REGISTRATION TO SELECTION LIST
DISPLAY BOOK
CANCEL
MODEL TITLE
PRODUCT TITLE

FIG.49

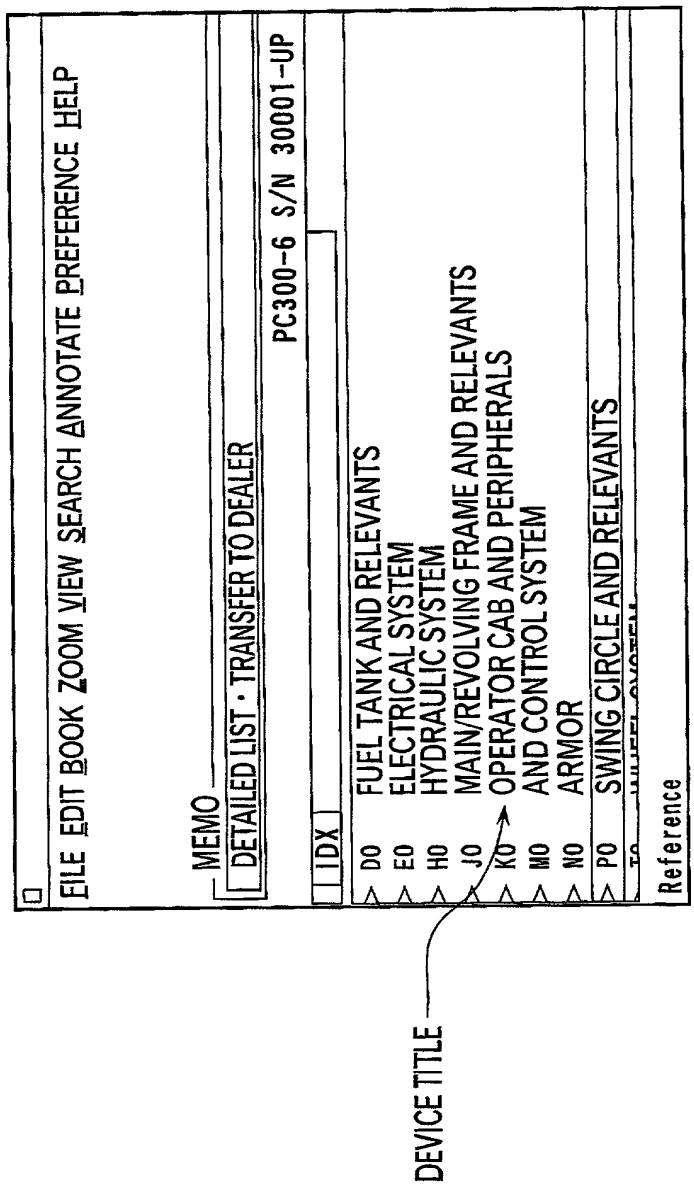

340A
FILE EDIT BOOK ZOOM VIEW SEARCH ANNOTATE PREFERENCE HELP
MEMO
DETAILED LIST · TRANSFER TO DEALER
PC300-6 S/N 30001-UP
IDX
DO FUEL TANK AND RELEVANTS
EO ELECTRICAL SYSTEM
HO HYDRAULIC SYSTEM
JO MAIN/REVOLVING FRAME AND RELEVANTS
KO OPERATOR CAB AND PERIPHERALS
MO AND CONTROL SYSTEM
NO ARMOR
PO SWING CIRCLE AND RELEVANTS
Reference
DEVICE TITLE

FIG.50

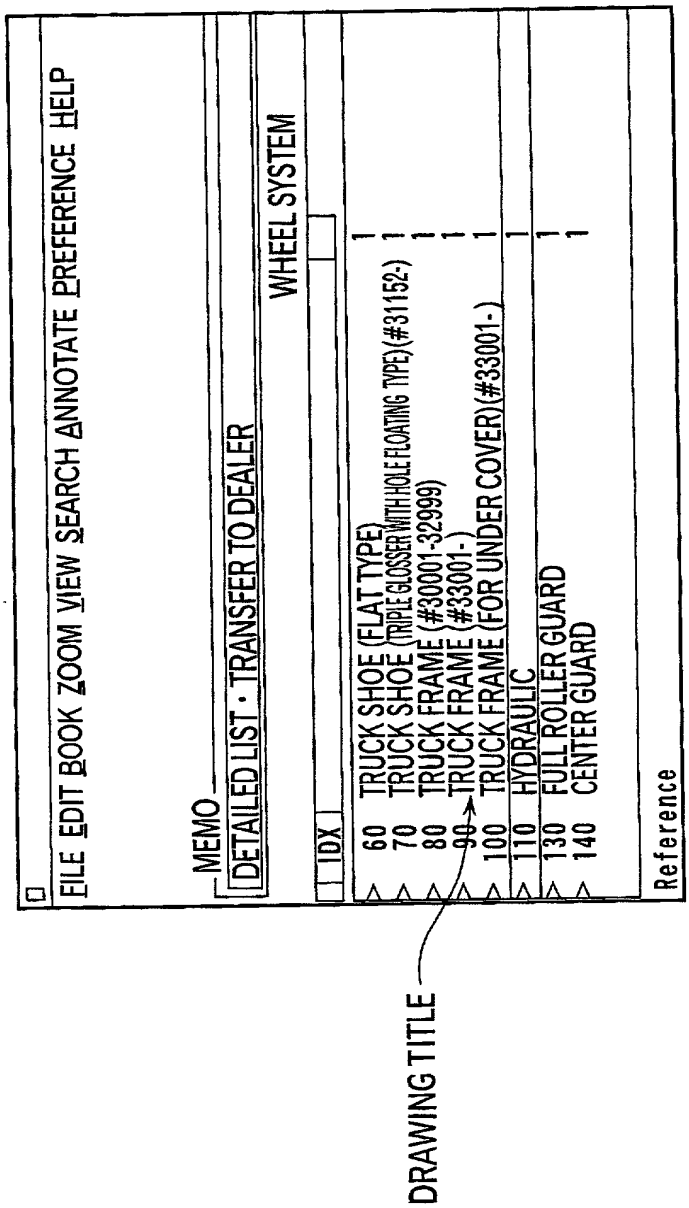

340A
FILE EDIT BOOK ZOOM VIEW SEARCH ANNOTATE PREFERENCE HELP
MEMO
DETAILED LIST · TRANSFER TO DEALER
WHEEL SYSTEM
IDX
60 TRUCK SHOE (FLAT TYPE) 1
70 TRUCK SHOE (TRIPLE GLOSSER WITH HOLE FLOATING TYPE)(#31152-) 1
80 TRUCK FRAME (#30001-32999) 1
90 TRUCK FRAME (#33001-) 1
100 TRUCK FRAME (FOR UNDER COVER)(#33001-) 1
110 HYDRAULIC 1
130 FULL ROLLER GUARD 1
140 CENTER GUARD 1
Reference
DRAWING TITLE

FIG.51

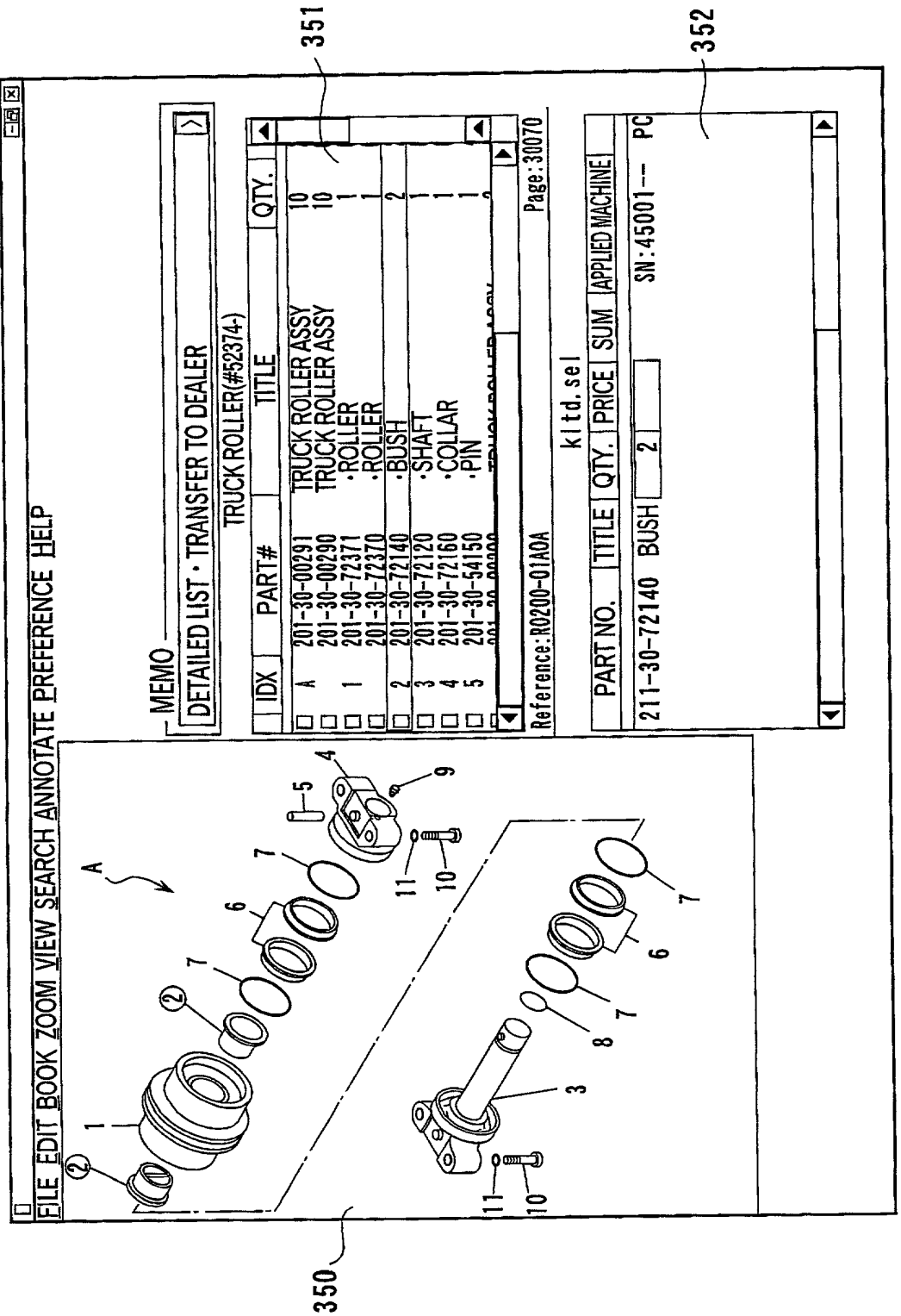

340A
FILE EDIT BOOK ZOOM VIEW SEARCH ANNOTATE PREFERENCE HELP
MEMO
DETAILED LIST・TRANSFER TO DEALER
TRUCK ROLLER(#52374-)
IDX
PART#
TITLE
QTY.
A 201-30-00291 TRUCK ROLLER ASSY 10
201-30-00290 TRUCK ROLLER ASSY 10
1 201-30-72371 ・ROLLER 1
201-30-72370 ・ROLLER 1
2 201-30-72140 ・BUSH 2
3 201-30-72120 ・SHAFT 1
4 201-30-72160 ・COLLAR 1
5 201-30-54150 ・PIN 1
Reference:R0200-01A0A
Page:30070
kltd.sel
PART NO.
TITLE
QTY.
PRICE
SUM
APPLIED MACHINE
211-30-72140 BUSH 2
SN:45001-- PC
351
352
350
A
1
2
3
4
5
6
7
8
9
10
11

FIG.52

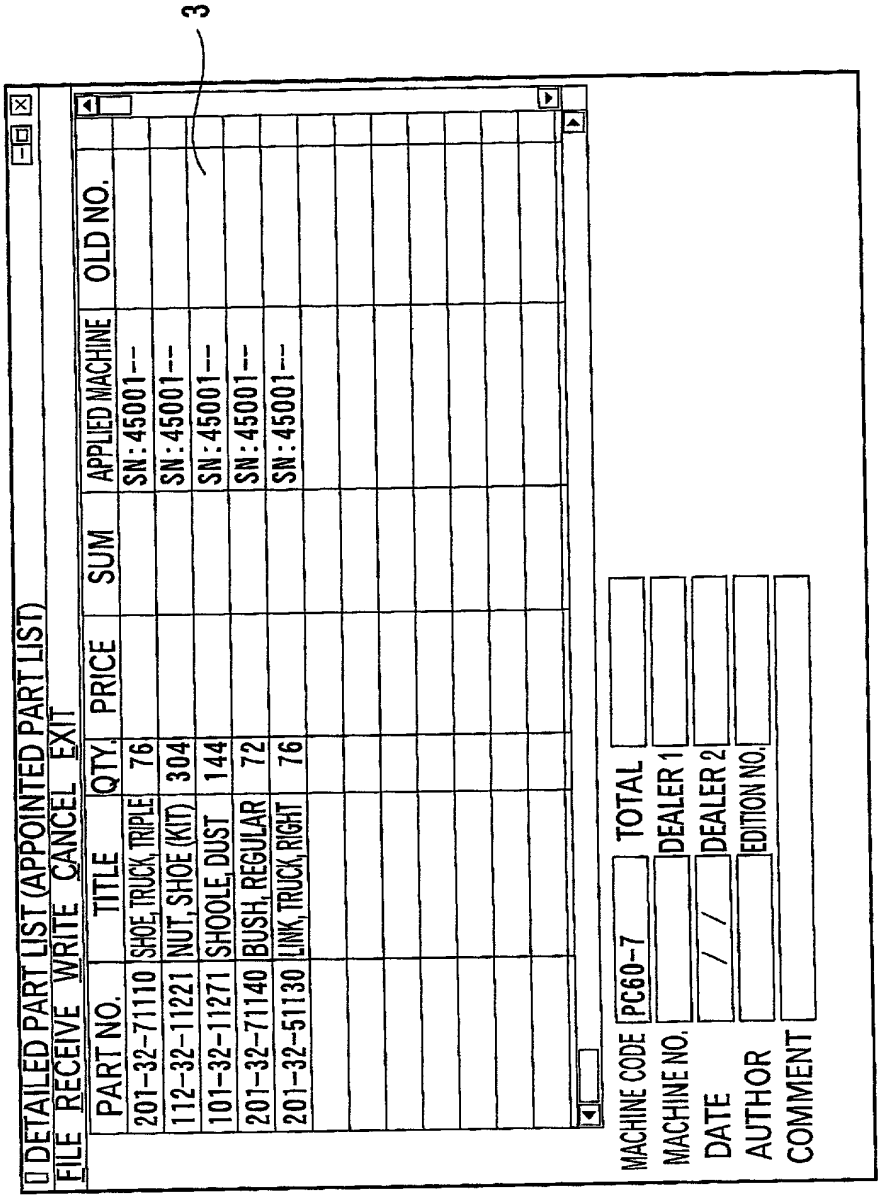

340A
360
DETAILED PART LIST (APPOINTED PART LIST)
FILE RECEIVE WRITE CANCEL EXIT
PART NO.
TITLE
QTY.
PRICE
SUM
APPLIED MACHINE
OLD NO.
201-32-71110
SHOE, TRUCK, TRIPLE
76
SN:45001--
112-32-11221
NUT, SHOE (KIT)
304
SN:45001--
101-32-11271
SHOOLE, DUST
144
SN:45001--
201-32-71140
BUSH, REGULAR
72
SN:45001--
201-32-51130
LINK, TRUCK, RIGHT
76
SN:45001--
MACHINE CODE
PC60-7
TOTAL
MACHINE NO.
DEALER 1
DATE
/ /
DEALER 2
AUTHOR
EDITION NO.
COMMENT

FIG.53

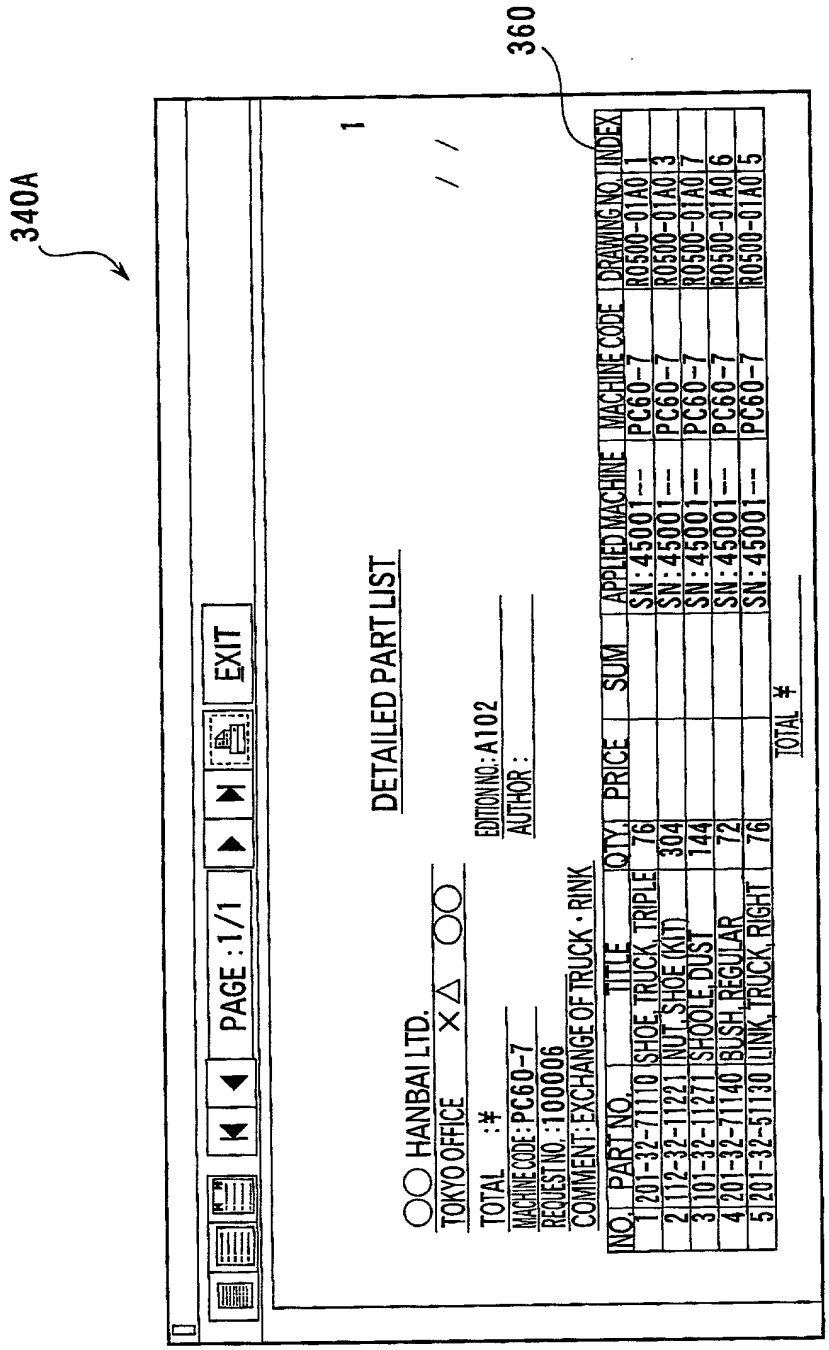

340A
360
PAGE : 1/1
EXIT
DETAILED PART LIST
1
/ /
○○ HANBAI LTD.
TOKYO OFFICE ×△ ○○
TOTAL :*
MACHINE CODE : PC60-7
REQUEST NO. : 100006
COMMENT : EXCHANGE OF TRUCK・RINK
EDITION NO. : A102
AUTHOR :
NO. PART NO. TITLE QTY. PRICE SUM APPLIED MACHINE MACHINE CODE DRAWING NO. INDEX
1 201-32-71110 SHOE, TRUCK, TRIPLE 76 SN : 45001--- PC60-7 R0500-01A0 1
2 1112-32-11221 NUT, SHOE (KIT) 304 SN : 45001--- PC60-7 R0500-01A0 3
3 1101-32-11271 SHOOLE, DUST 144 SN : 45001--- PC60-7 R0500-01A0 7
4 201-32-71140 BUSH, REGULAR 72 SN : 45001--- PC60-7 R0500-01A0 6
5 201-32-51130 LINK, TRUCK, RIGHT 76 SN : 45001--- PC60-7 R0500-01A0 5
TOTAL *

FIG.54

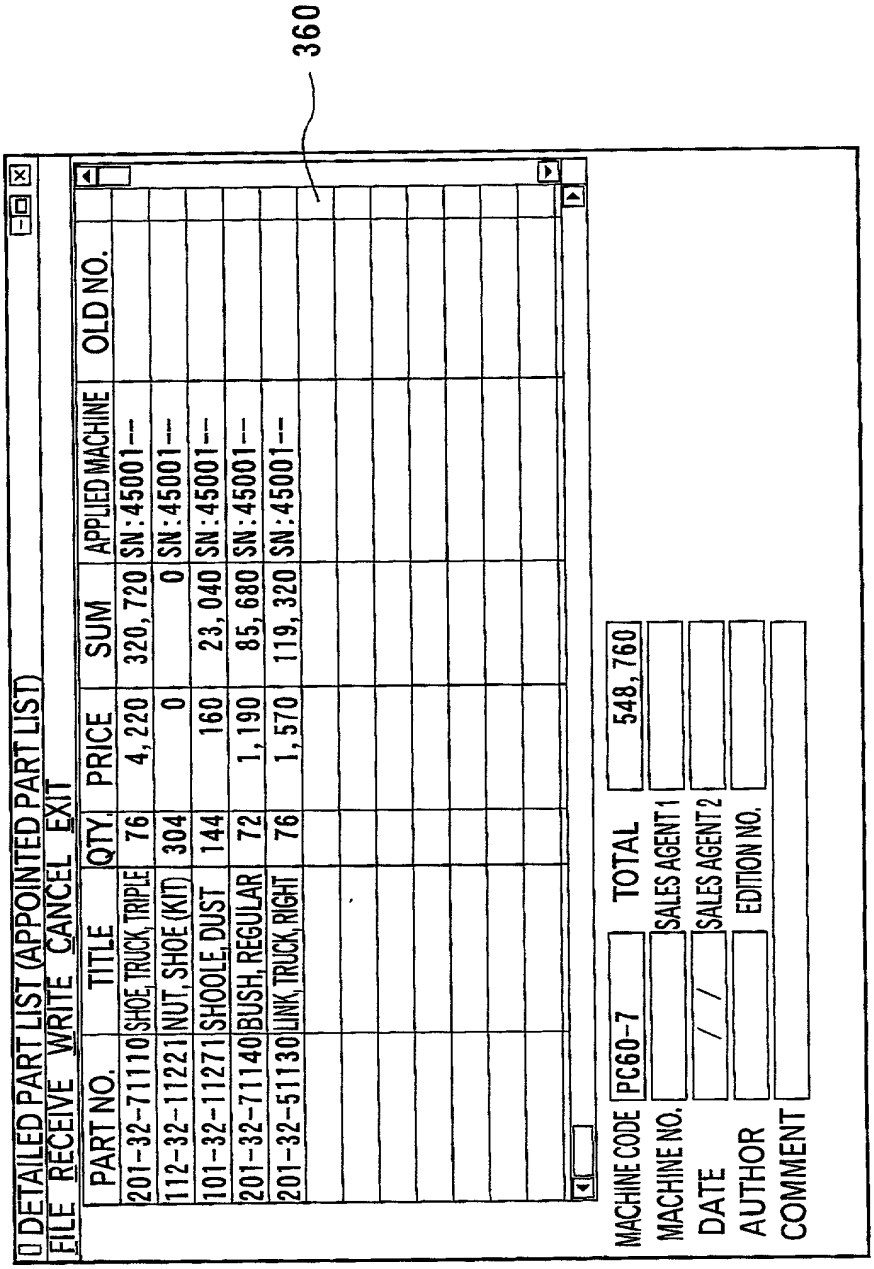

340A
360
DETAILED PART LIST (APPOINTED PART LIST)
FILE RECEIVE WRITE CANCEL EXIT
PART NO.
TITLE
QTY.
PRICE
SUM
APPLIED MACHINE
OLD NO.
201-32-71110 SHOE, TRUCK, TRIPLE 76 4,220 320,720 SN:45001--
112-32-11221 NUT, SHOE (KIT) 304 0 0 SN:45001--
101-32-11271 SHOOLE, DUST 144 160 23,040 SN:45001--
201-32-71140 BUSH, REGULAR 72 1,190 85,680 SN:45001--
201-32-51130 LINK, TRUCK, RIGHT 76 1,570 119,320 SN:45001--
MACHINE CODE PC60-7
TOTAL 548,760
MACHINE NO.
SALES AGENT 1
DATE / /
SALES AGENT 2
AUTHOR
EDITION NO.
COMMENT

FIG.55

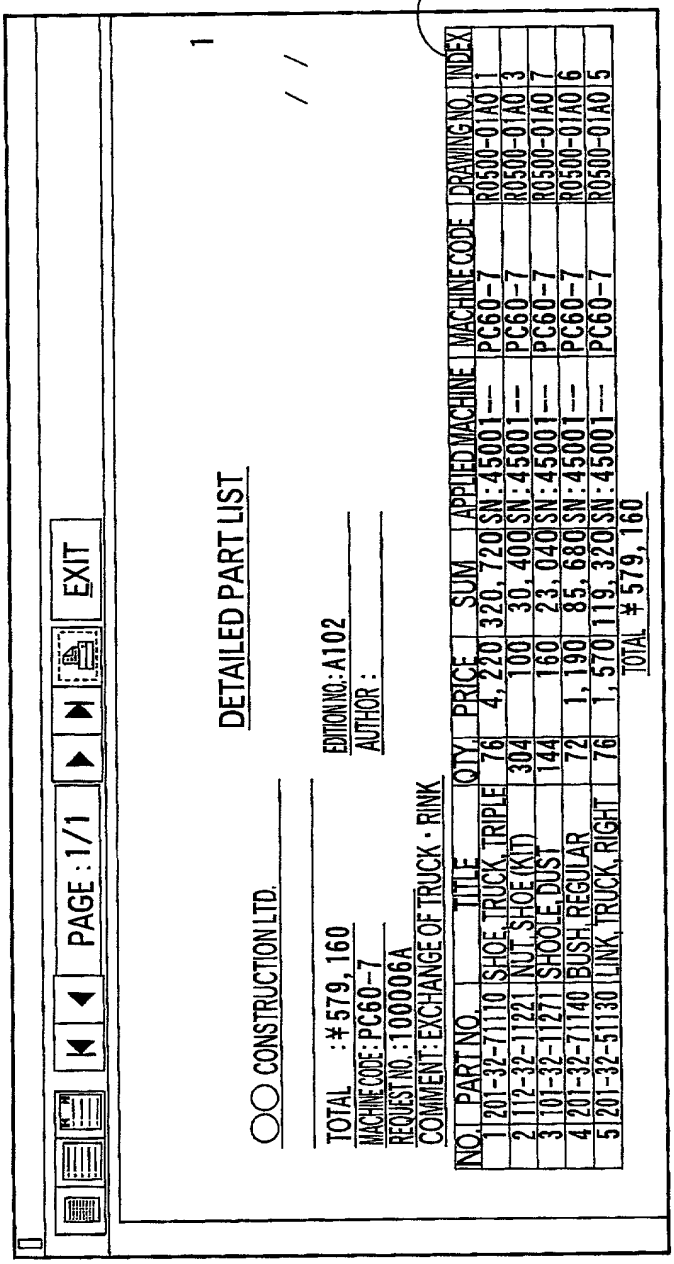

340A
360
PAGE : 1/1
EXIT
DETAILED PART LIST
1
/ /
○○ CONSTRUCTION LTD.
EDITION NO.: A102
AUTHOR :
TOTAL : ¥579,160
MACHINE CODE: PC60-7
REQUEST NO. :100006A
COMMENT: EXCHANGE OF TRUCK・RINK
NO. PART NO. TITLE QTY PRICE SUM APPLIED MACHINE MACHINE CODE DRAWING NO. INDEX
1 201-32-71110 SHOE, TRUCK, TRIPLE 76 4,220 320,720 SN:45001— PC60-7 R0500-01A0 1
2 112-32-11221 NUT, SHOE (K1) 304 100 30,400 SN:45001— PC60-7 R0500-01A0 3
3 101-32-11271 SHOE, DUST 144 160 23,040 SN:45001— PC60-7 R0500-01A0 7
4 201-32-71140 BUSH, REGULAR 72 1,190 85,680 SN:45001— PC60-7 R0500-01A0 6
5 201-32-51130 LINK, TRUCK, RIGHT 76 1,570 119,320 SN:45001— PC60-7 R0500-01A0 5
TOTAL ¥579,160

FIG.56

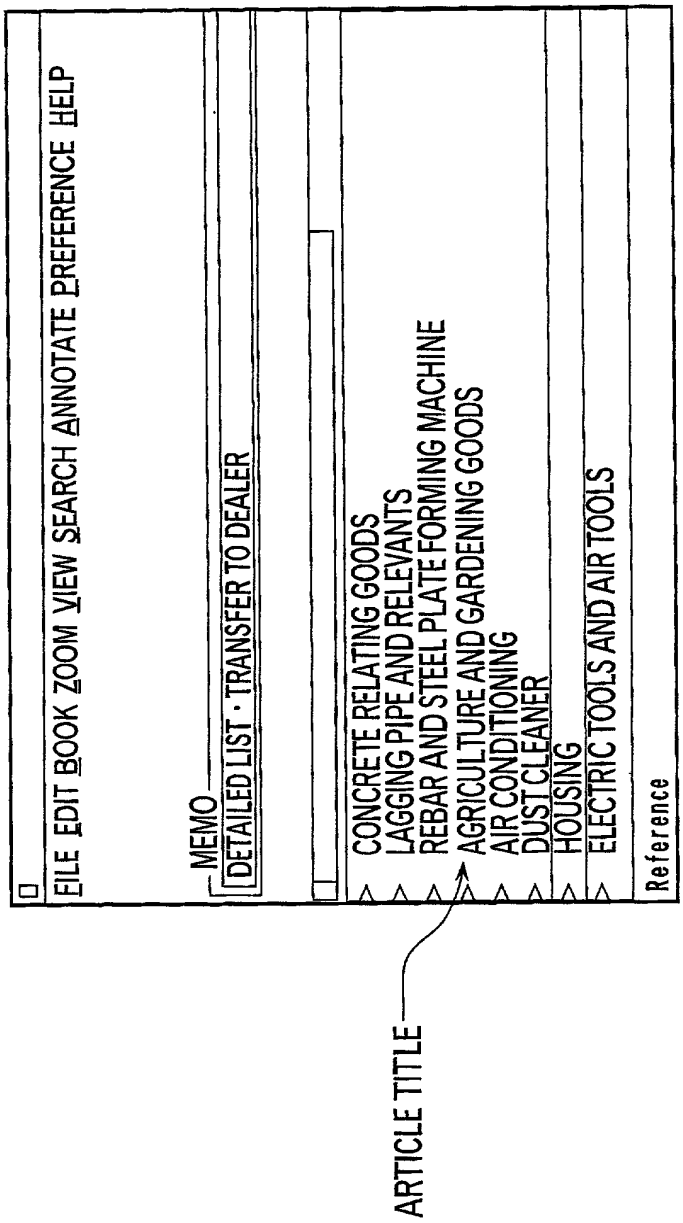

340A
FILE EDIT BOOK ZOOM VIEW SEARCH ANNOTATE PREFERENCE HELP
MEMO
DETAILED LIST · TRANSFER TO DEALER
CONCRETE RELATING GOODS
LAGGING PIPE AND RELEVANTS
REBAR AND STEEL PLATE FORMING MACHINE
AGRICULTURE AND GARDENING GOODS
AIR CONDITIONING
DUST CLEANER
HOUSING
ELECTRIC TOOLS AND AIR TOOLS
Reference
ARTICLE TITLE

FIG.57

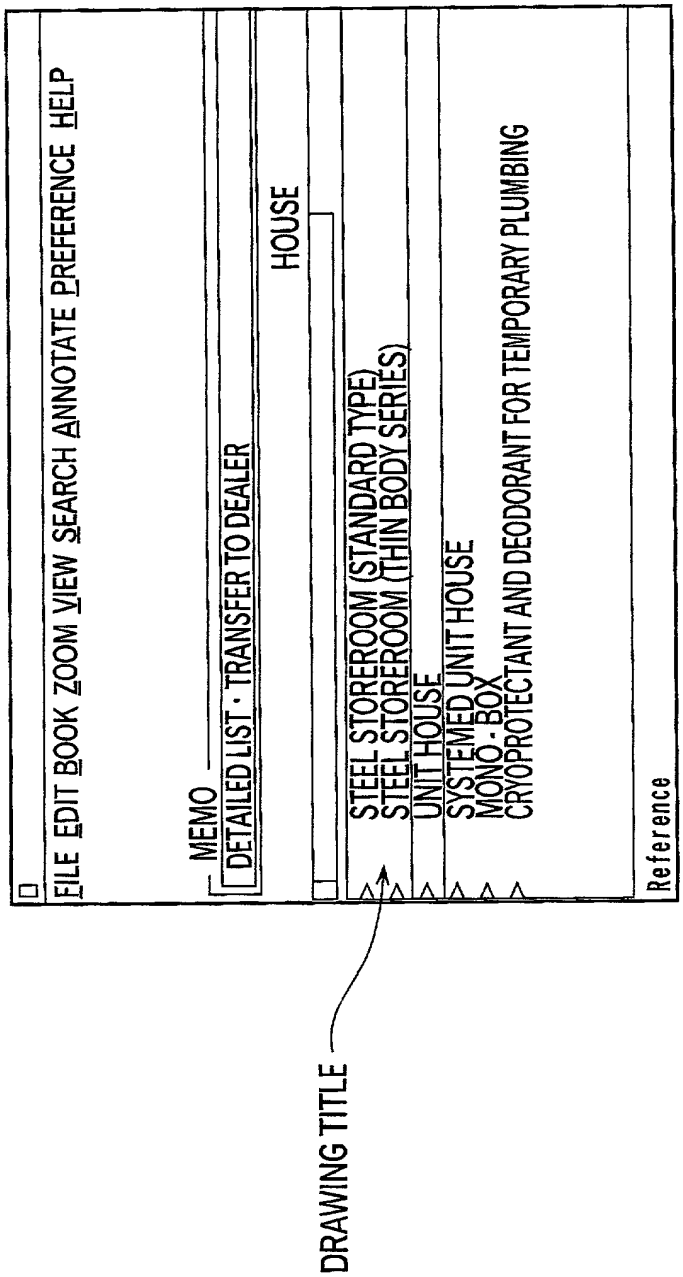

340A
FILE EDIT BOOK ZOOM VIEW SEARCH ANNOTATE PREFERENCE HELP
MEMO
DETAILED LIST・TRANSFER TO DEALER
HOUSE
STEEL STOREROOM (STANDARD TYPE)
STEEL STOREROOM (THIN BODY SERIES)
UNIT HOUSE
SYSTEMED UNIT HOUSE
MONO-BOX
CRYOPROTECTANT AND DEODORANT FOR TEMPORARY PLUMBING
Reference
DRAWING TITLE

FIG. 58

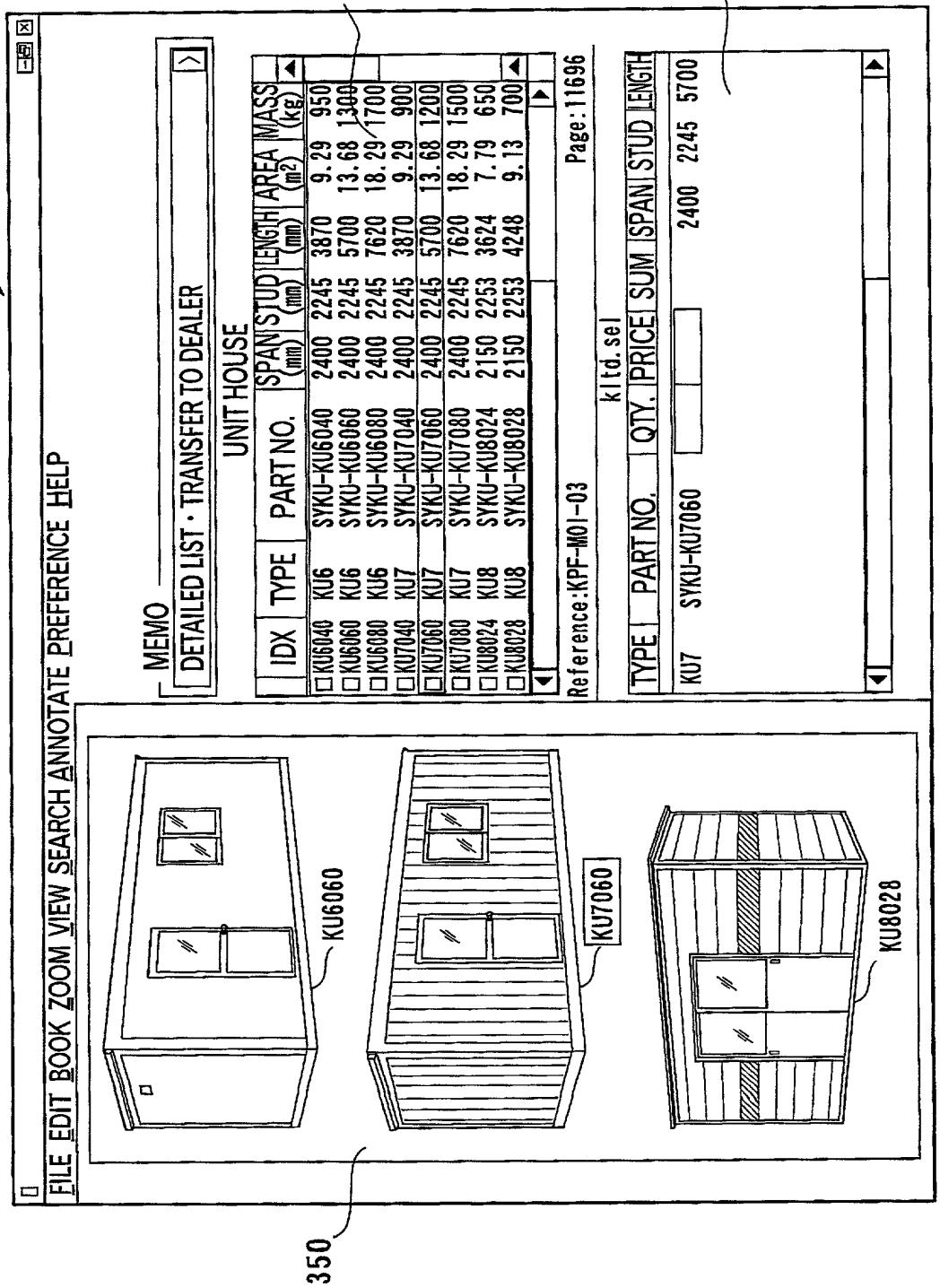
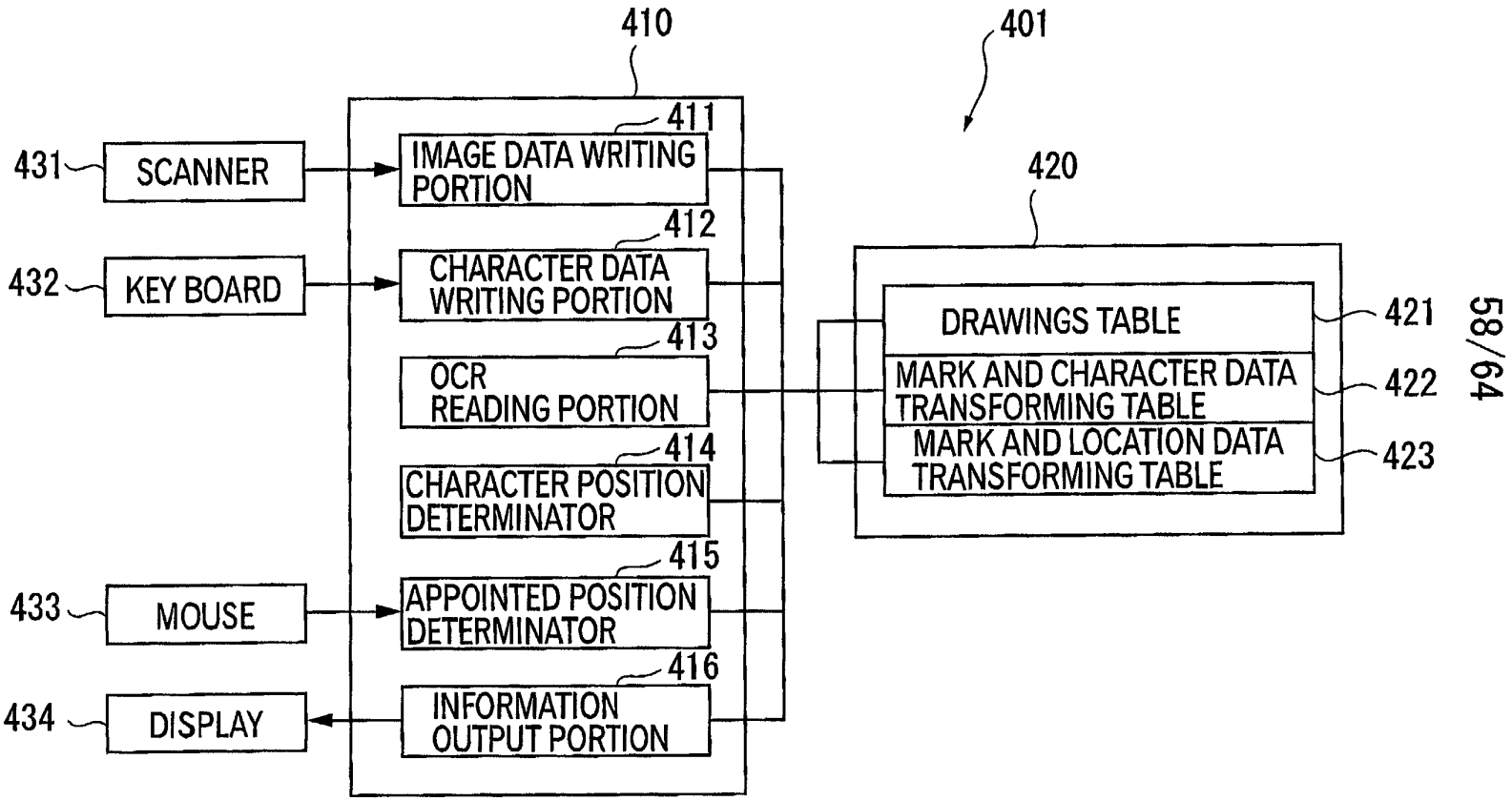

340A
FILE EDIT BOOK ZOOM VIEW SEARCH ANNOTATE PREFERENCE HELP
MEMO
DETAILED LIST・TRANSFER TO DEALER
UNIT HOUSE
IDX TYPE PART NO. SPAN (mm) STUD (mm) LENGTH (mm) AREA (m2) MASS (kg)
KU6040 KU6 SYKU-KU6040 2400 2245 3870 9.29 950
KU6060 KU6 SYKU-KU6060 2400 2245 5700 13.68 1300
KU6080 KU6 SYKU-KU6080 2400 2245 7620 18.29 1700
KU7040 KU7 SYKU-KU7040 2400 2245 3870 9.29 900
KU7060 KU7 SYKU-KU7060 2400 2245 5700 13.68 1200
KU7080 KU7 SYKU-KU7080 2400 2245 7620 18.29 1500
KU8024 KU8 SYKU-KU8024 2150 2253 3624 7.79 650
KU8028 KU8 SYKU-KU8028 2150 2253 4248 9.13 700
Reference:KPF-M01-03
Page:11696
kltd.sel
TYPE PART NO. QTY. PRICE SUM SPAN STUD LENGTH
KU7 SYKU-KU7060 2400 2245 5700
KU6060
KU7060
KU8028
350
351
353

FIG.59


410
401
411
IMAGE DATA WRITING PORTION
431
SCANNER
420
412
CHARACTER DATA WRITING PORTION
432
KEY BOARD
DRAWINGS TABLE
421
413
OCR READING PORTION
MARK AND CHARACTER DATA TRANSFORMING TABLE
422
414
CHARACTER POSITION DETERMINATOR
MARK AND LOCATION DATA TRANSFORMING TABLE
423
415
APPOINTED POSITION DETERMINATOR
433
MOUSE
416
INFORMATION OUTPUT PORTION
434
DISPLAY

TO2240 E852H860

FIG.60

421

DRAWING TITLE	IMAGE DATA
TRUCK SHOE (FLAT TYPE)	×××××.BMP
TRUCK SHOE (TRIPLE GLOSSER WITH HOLE FLOATING TYPE)(#31152-)	×××××.BMP
TRUCK FRAME (#30001-32999)	×××××.BMP
TRUCK FRAME (#33001-)	×××××.BMP
TRUCK FRAME (FOR UNDER COVER)(#33001-)	×××××.BMP
TRUCK ROLLER (#52374-)	×××××.BMP
FULL ROLLER GUARD	×××××.BMP
CENTER GUARD	×××××.BMP
⋮	⋮

FIG.61

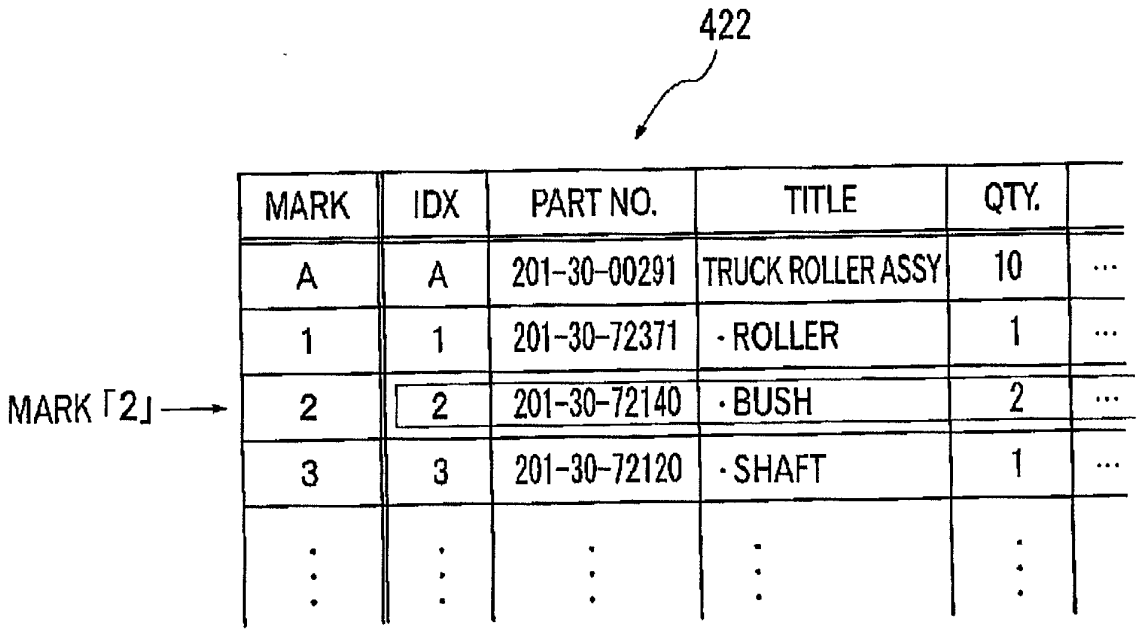

422
MARK
IDX
PART NO.
TITLE
QTY.
A
A
201-30-00291
TRUCK ROLLER ASSY
10
1
1
201-30-72371
· ROLLER
1
MARK「2」
2
2
201-30-72140
· BUSH
2
3
3
201-30-72120
· SHAFT
1

FIG. 62

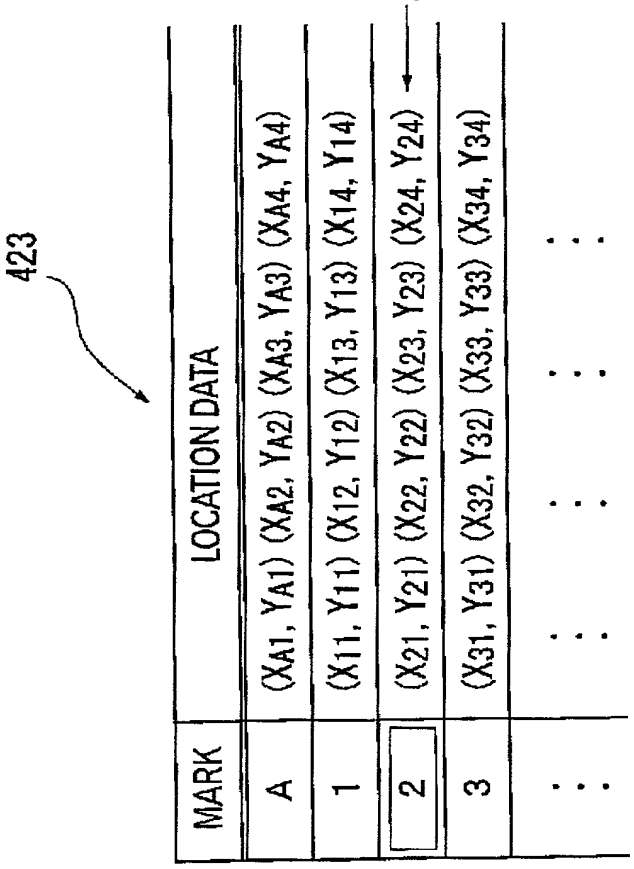

423
MARK
LOCATION DATA
A
(XA1, YA1) (XA2, YA2) (XA3, YA3) (XA4, YA4)
1
(X11, Y11) (X12, Y12) (X13, Y13) (X14, Y14)
2
(X21, Y21) (X22, Y22) (X23, Y23) (X24, Y24)
3
(X31, Y31) (X32, Y32) (X33, Y33) (X34, Y34)
APPOINTED POSITIONING DATA (X, Y)

FIG.63

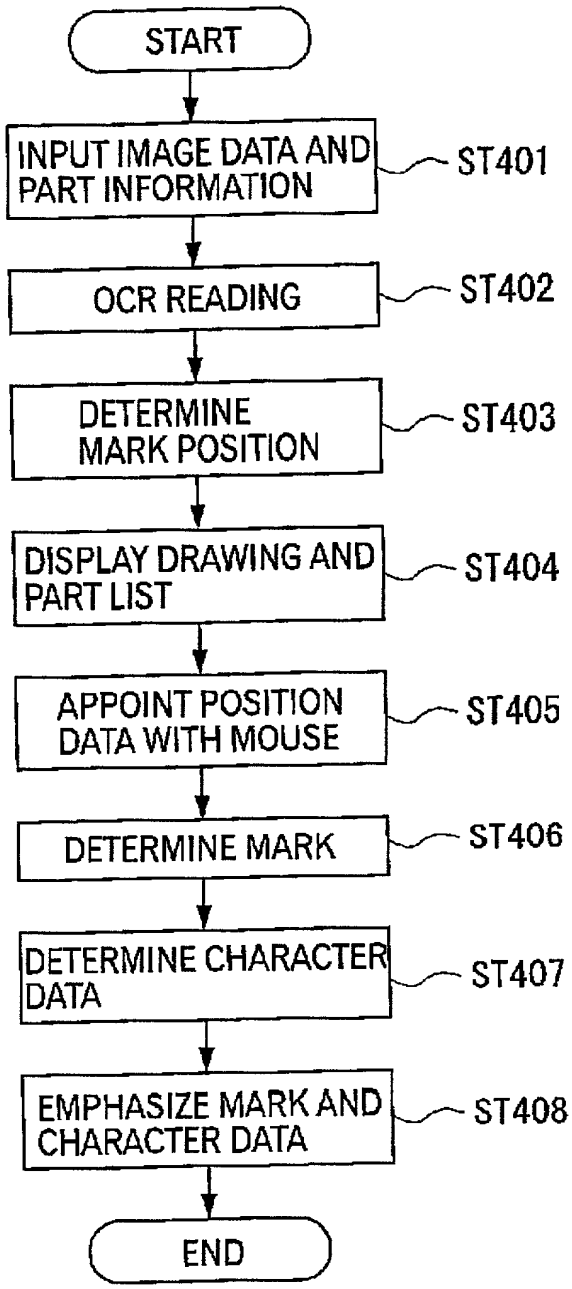
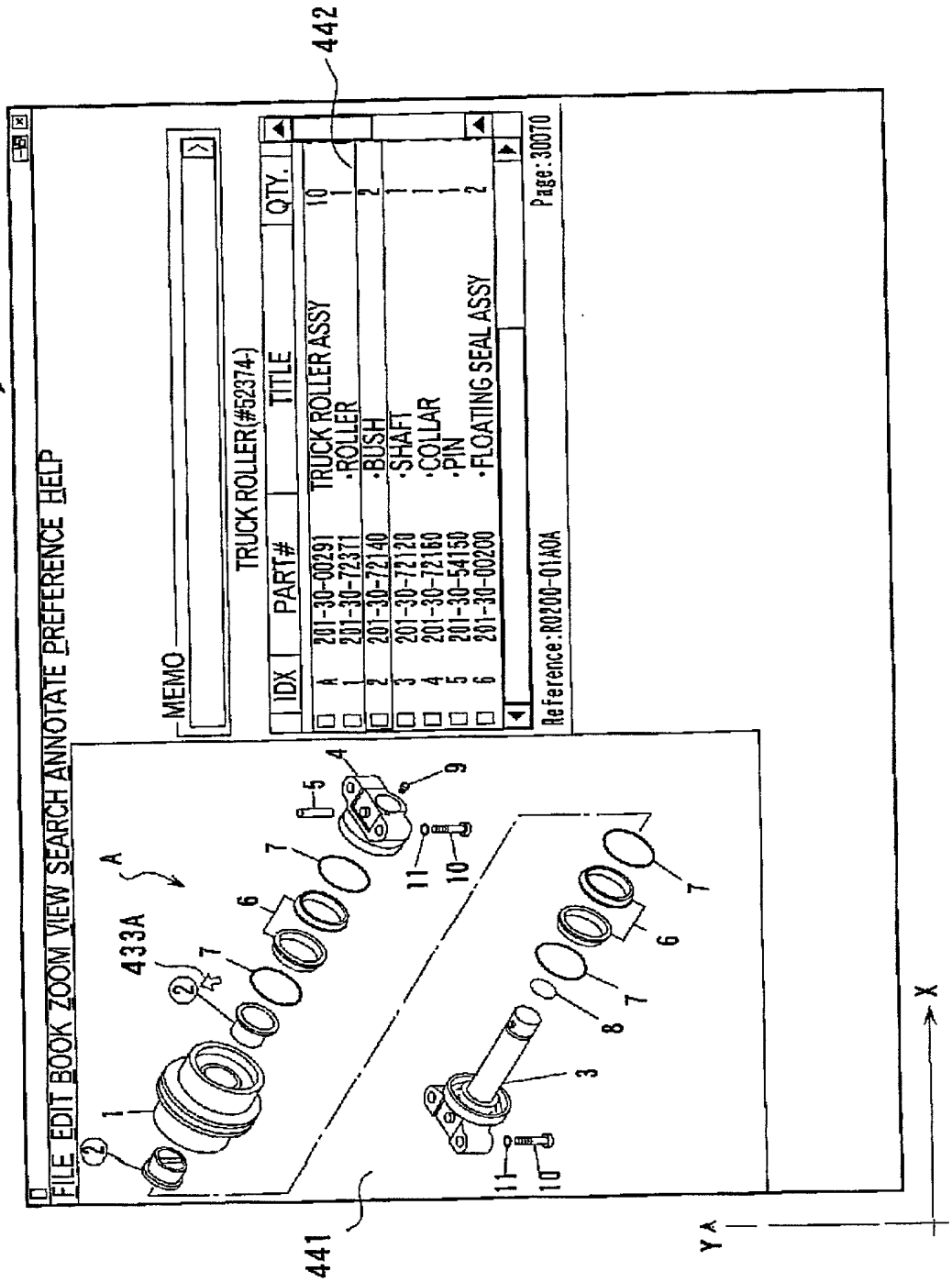

START
INPUT IMAGE DATA AND PART INFORMATION
ST401
OCR READING
ST402
DETERMINE MARK POSITION
ST403
DISPLAY DRAWING AND PART LIST
ST404
APPOINT POSITION DATA WITH MOUSE
ST405
DETERMINE MARK
ST406
DETERMINE CHARACTER DATA
ST407
EMPHASIZE MARK AND CHARACTER DATA
ST408
END

FIG.64


434
442
FILE EDIT BOOK ZOOM VIEW SEARCH ANNOTATE PREFERENCE HELP
MEMO
TRUCK ROLLER(#52374-)
IDX
PART#
TITLE
QTY.
A 201-30-00291 TRUCK ROLLER ASSY 10
1 201-30-72371 •ROLLER 1
2 201-30-72140 •BUSH 2
3 201-30-72120 •SHAFT 1
4 201-30-72160 •COLLAR 1
5 201-30-54150 •PIN 1
6 201-30-00200 •FLOATING SEAL ASSY 2
Reference:R020G-01A0A
Page:30070
433A
A
441
Y
X

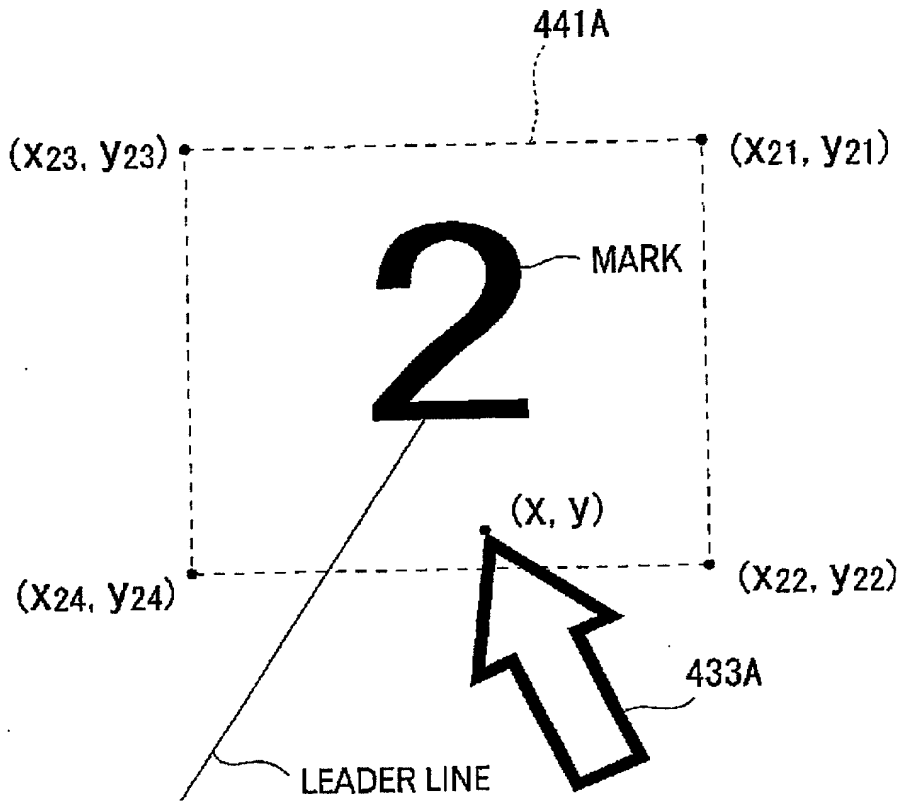



FIG.65